# JEPPIAAR INSTITUTE OF TECHNOLOGY

**"Self Belief | Self Discipline | Self Respect"**

# GANDIVA 5.0
# 2022

## Department of Electronics & Communication Engineering

**Email:** gandiva5.0@gmail.com

**Website:** www.gandiva.jeppiaarinstitute.in

# TABLE OF CONTENTS

# ABOUT US

The Department of Electronics and Communication Engineering (ECE) facilitate the evolution of problem solving skills along with the knowledge application in the field of Electronics and Communication, understanding industrial and global requirements for the benefit of the society.

The main focus is on academic excellence of students, faculty members motivate the students to participate in technical activities for enhancing their fundamental technical knowledge. Students are also encouraged to participate in various inter- disciplinary and industry sponsored contests as well as cultural events in and outside the college. Our students make best use of these opportunities and bring laurels to the Department.

The Department of Electronics and Communication Engineering is associatedwith Institute of Electrical and Electronics Engineers (IEEE), IEEE- Women in Engineering (WIE), Institution of Electronics and Telecommunication Engineers (IETE) and Indian Society for Technical Education (ISTE).

*"Art without Engineering is Dreaming. Engineering without art is Calculating"*

- Steven Roberts

# VISION OF THE DEPARTMENT

To enhance and impart futuristic and innovative technological education for the excellence of Electronics and Communication Engineering with new ideas and innovation to meet industrial expectation and social needs with ethical and global awareness reinforced by an efficiency through research platform for the advancement of humanity.

# MISSION OF THE DEPARTMENT

- To produce competent and high-quality professional Engineers in the field of Electronics and Communication Engineering for the benefit of the society globally.
- To provide a conducive infrastructure and environment for faculty and students with enhanced laboratories, to create high quality professionals.
- To provide Prerequisite Skills in multidisciplinary areas for the needs of Industries, higher education and research establishments and entrepreneurship.
- To handle Socio Economic Challenges of Society by Imparting Human Values and Ethical Responsibilities.

# GANDIVA 5.0

A National Level Project Expo to unleash the talents of all engineering and science stream students was held at Jeppiaar Institute of Technologyon 22nd January 2020 with all elegance and innovations.

The prime focus of the day was to elicit, exhibit, evaluate the student talents and rewarding them. The National Level Project Expo and Competition, with the leadership from eminent professional bodies IEEE, ISTE and IETE, attracted the best student projects from eminent technical colleges. Visitors to this exceptional event gained a worthwhile learning experience.

# STAFF COORDINATORS

1. Mrs.G.Sowmiya – Assistant Professor
2. Ms.L.Hubert Mary – Assistant Professor

# STUDENT COORDINATORS

1. Ms.Jino Binoshini.R – III Year ECE
2. Mr.Seshadri .S.D – III Year ECE

# PROJECT THEMES

### Innovations in Engineering

- **Your Project should be innovative**

### Social Relevance

- **Engineer is a person who design, make a thing which helpful for society**

### State of the Art Design

- **Explore and Utilize the evolving technologies, Familiarize with it.**

### Technology & Application

- **Learning Technologies + Applying Skills = Application**

### Uniqueness & Novelty

- **Being yourself is more important, with unique Ideas**

### Green Initiates

- **Almost we ran out of Green. Use your knowledge to retain the Nature**

# RULES & GUIDELINES

- Each team can have maximum of 3 members.
- The competition is open to undergraduate students including Diploma Students.
- A team member can participate only in one project presentation.
- Students can register and send their abstracts to **gandiva3.0@gmail.com**
- Students do get a cashback offer by registering first from your college you will be given a promo code. Using this code if you refer other participants you will 10% cashback on every registration.
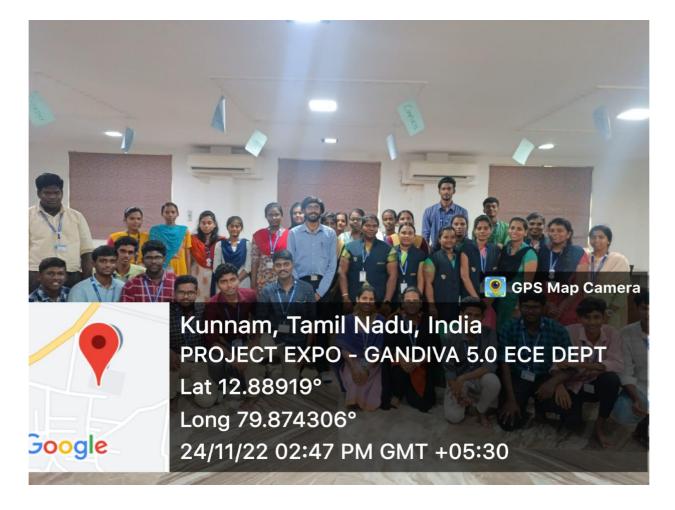
# TEAM REGISTRATION DETAILS

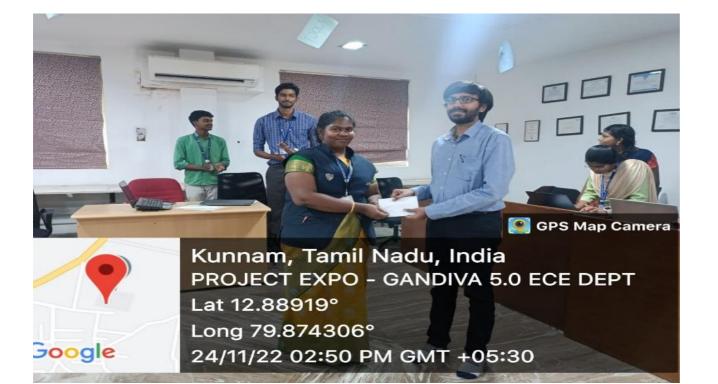**Total Number of Registrations done through Online        55**

**Total Number of Teams participated on the day of Event     30**

**(External: 07; Internal:23)**

# PHOTOGRAPHS



Chief Guest Felicitation

Certificate of Appreciation and Participation handed over to Participants

# EVENT SUMMARY

The projects were judged by the juries and marks were awarded based on the following categories

- Design of the Project
- Innovation
- Presentation Skills
- Q & A Sessions

Cash Prizes were awarded for the following teams

| S.No | Name of the College | Cash Award |
|------|--------------------|-----------|
| 1 | Jeppiaar Institute of Technology | Rs.1500/- |
| 2 | Loyola Institute of Technology | Rs.1000/- |
| 3 | Rajalakshmi engineering College | Rs.500/- |