



# JEPPIAAR INSTITUTE OF TECHNOLOGY



“Self Belief | Self Discipline | Self Respect”



## TECH AGRONA 2.0 2019

Department of Mechanical Engineering

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## ABOUT US

The Department of Mechanical Engineering (ME) facilitate the evolution of problem-solving skills along with the knowledge application in the field of Mechanical Engineering. This is one of the ideal undergraduate program by the student community with a right intermingling theory and practical exposure in basics of mechanics, manufacturing, industrial, automation, energy, CAD/CAM/CAE and thermal spheres.

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. Holistic education with values and ethics are imparted to students allowing them to pursue successful careers in design, materials, automation and entrepreneurship. Our students make best use of these opportunities and bring laurels to the Department.

The Department of Mechanical Engineering is associated with American Society of Mechanical Engineers (ASME) and Society of Automotive Engineers (SAE). Students enjoy freedom to express their ideas through interaction with faculty and peers by participating in department technical clubs.

*“To succeed in your mission, you must have a single-minded devotion to your goal” - Dr.A.P.J.Abdhul Kalam*

## VISION OF THE DEPARTMENT

To enhance advanced technical education in the field of Mechanical engineering with the view of transformation in societal and industrialized requirements offering a platform for excellence towards mankind.

## MISSION OF THE DEPARTMENT

- ✚ To develop quality education with the global need.
- ✚ To provide state of art facilities to faculty members and students to apply their innovative thoughts towards communal development.
- ✚ To facilitate teamwork culture and promote student community to adapt industrial setup.
- ✚ To develop the research fervor among the students and encourage them to shape inventive ideas.
- ✚ To serve the global community by ethical values and core skills.

## **TECH AGRONA 2.0**

A National Level Project Expo to unleash the talents of all engineering and science stream students was held at Jeppiaar Institute of Technology on 12th September 2019 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 industrial expert Mr.R.Ramnath, AGM-Mechatronics, Ashok Leyland India Pvt Ltd, Chennai attracted the best student projects from eminent technical colleges. Visitors to this exceptional event gained a worthwhile learning experience.

## **STAFF COORDINATORS**

1. Mrs.I.Sharon Marishka – Associate Professor
2. Mr.S.Gejendhiran – Assistant Professor
3. Mr.M.Kalaimani – Assistant Professor

## **STUDENT COORDINATORS**

1. Mr.K.Antony Hubert – III Year MECH
2. Mr.R.Varun – III Year MECH

# 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 **[techagrana2.0@gmail.com](mailto:techagrana2.0@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.

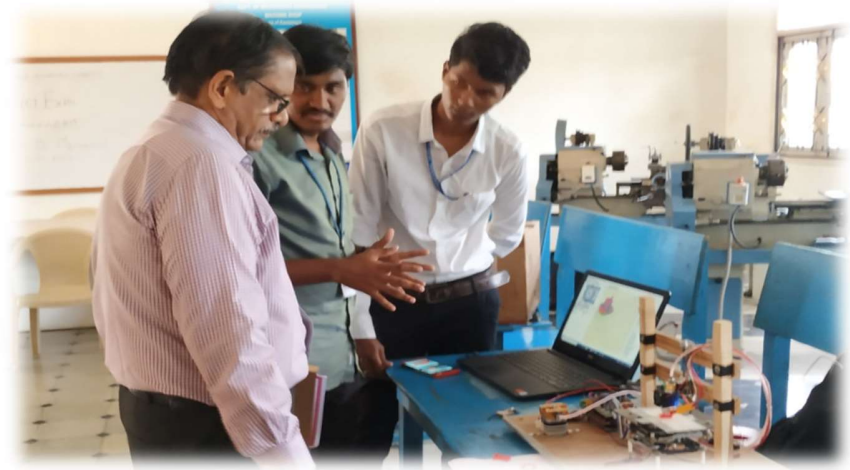
## TEAM REGISTRATION DETAILS

**Total Number of Registrations done through Online : 24**

**Total Number of Teams participated on the day of Event : 17**

**(External: 12; Internal:05)**

# PHOTOGRAPHS







## 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	IFET College of Engineering	Rs.3000/-
2	Tagore Engineering college	Rs.2000/-
3	Mohammed Sathak A JA College of Engineering	Rs.1000/-