



RAJARAJESWARI COLLEGE OF ENGINEERING



“transformer’z”

Department of Electrical and Electronics

VISION OF THE DEPARTMENT

“To produce excellent manpower in the field of Electrical & Electronics Engineering by introducing innovative teaching methods and projects within the parameters of values and ethics”

MISSION OF THE DEPARTMENT

- Introducing Value-based education and State of the Art infrastructure facilities within the parameters of ethics.
- Interacting with industries and institutions to upgrade knowledge and understand current requirements and trends in technologies.
- Enhancing the research-oriented activities in socially prominent areas.
- Building up the overall career through impressive extra-academic activities.

FROM PRINCIPAL’S DESK:

The Department of Electrical and electronics engineering was formed with the primary objective of providing world class education in the field of electrical engineering, while addressing the problems of today and tomorrow. Right from its inception, the department has been offering excellent infrastructural facilities with a variety of computing platforms to aspiring professional students to meet the burgeoning demands of the industry. The strength of the department lies in the highly motivated students who understand the dynamics of the industry and hone their skills accordingly.

Dr. T Chandrashekar Principal, RRCE

FROM HOD’S DESK:

The Department has traditional and modern laboratories such as Machines Lab, Power System Simulation Lab, Relay and High Voltage Lab, Circuits and simulation Lab, Microcontroller Lab and power electronics lab. The Department is engaged in research activities, mainly in Power System and power electronics. It provides a platform for exposing the merits and academic achievements of the faculty and students. This would definitely create an impact in the minds of readers, by way of providing larger visibility and dimension to the department.

Dr. N Saravanan Professor and Head

CLUBS IN DEPARTMENT

Science Fiction Club

Knowledge on science friction dealt with well versed person with the great knowledge on land of space. A good interaction on the science and its fiction with students and also the work on space and their orbits do.

A knowledgeable interaction with study of science and its fictitious things happen in and around the universe were discussed well with the students.

About the satellites was one among the topic which made fantasized for few students and had a great idea about it when speaker gave knowledge on it.



"The Science of today is the technology of tomorrow"

-Robert A Heinlein

The department has "Science Friction Club" is consisted by team of students and staff.

The club was inaugurated by Dr.G.N Dayananda,

Chief scientist & Head, Centre for social missions and special technologies, CSIR-National Aerospace Laboratories.

ENSAVE CLUB



Green Energy is worldwide now a day. It has become part of our day to day life. How energy can be consumed and amount can be saved. This is the need of the club.

The U.S. energy market provides a range of services and products with green energy, also called green power, being a small category within these options. For many, this is synonymous with renewable energy, but there is a clear distinction.

Ensave club made here to showcase or to give awareness to the public.

How much amount is spent and how it can be reduced.

The editorial body is framed to look after the club and to take step forward and bring the



Ensave Club was inaugurated by Dr.L.Ramesh,

Founder and chairman-Green9, Dean, Dr.M.G.R Educational and research institute (university), Chennai.



heights to became a green savior whole over the world.

ACHIEVEMENTS

Students achievements:

"Achievements are the ones who are honored to their lifetime."

Students have participated in various campus level programs and have achieved with good progress in the academic year 2020-2021

In the department of Mechanical Prototype exhibition was held on occasion of Engineer's Day was held on the day 21st of September 2021.

Among 33 participants our department students have bagged 1st place in prototype exhibition.

This was achieved by our own student N K Shrinivas who was pursuing 3rd year (6th sem) on the project Electromagnetic wheel who as bagged 1st place and made us a proud moment for the Electrical department.



EEE

Funded Projects:

Fund received by the final year students for major projects like 1. Pest detection and obliteration Robotic system which was guided by Prof. Udhayami M B

2. IOT based monitoring of power generation at highways using wind and solar system which was guided by Prof. Bharathi V

The achievements which was done by our final year students and active participation in KSCST funded projects and SIH projects.

Proud Achievers of EEE Department VTU FUNDED Projects



Pest Detection and Obliteration Robotic System

IOT Based monitoring of power generation at highways using wind and Solar system



FUNDEDPROJECTS

1. Prof. Bharathi V, Assistant Professor received funding from Visvesvaraya Technological University (VTU), for the project entitled with “IOT based” with Rs. 5000/-during academic year 2020-2021.
2. Prof. Udhyami M B, Assistant Professor received funding from Visvesvaraya Technological University (VTU), for the project entitled with “ Pest Detection and Obliteration Robotic System” with Rs.5000/-during academic year 2020-2021.

PLACEMENTDETAILS

1. Charan Singh (1RR17EE404) placed in Qspider Campus Connect Limited as a Trainer.
2. Samrin Mehdi (1RR17EE017) placed in Pentagon Space Pvt. Ltd., as a Trainer.
3. Shreenidhi (1RR17EE021) placed in Smart Brain's Engineers &Technologist Pvt. Ltd., as a Trainer.
4. Thanuja B S (1RR17EE024) placed in Main's Tec with Package of 2.4LPA.
5. Priyanka U (1RR17EE035) placed in Main's Tec with Package of 2.4LPA.
6. Vignesh Kumar K (1RR17EE041) placed in Main's Tec with Package of 2.4LPA.
7. Shashank P Naidu (1RR17EE020) placed in Face with package of 4LPA.
8. Divya H (1RR17EE008) placed in Infosys with package of 3.75LPA.
9. Rakshitha S (1RR17EE013) placed in Capgemini with a package of 3LPA.
10. Bharadwaj G Megharaj (1RR17EE004) placed in Elmeasure with a package of 2.11LPA.
11. V Arun Kumar (1RR17EE026) placed in Dream Gains Financials Private Limited with a package of 5.06LPA.
12. Dhanush H D (1RR17EE007) placed in Replicon Software with a package of 3.6LPA.
13. Rashmi R (1RR17EE015) placed in Infosys with a package of 3.75LPA.
14. N Santhosha Kumara (1RR17EE012) placed in TCS with a package of 3.36LPA.
15. Soundarya Poovaiah K (1RR17EE022) placed in TCS with package of 3.36LPA.
16. Shaik Shaffiulla Sharief (1RR17EE019) placed in IBM with package of 6.48LPA.
17. Akshatha K M (1RR17EE003) placed in Capgemini with package of 3LPA.
18. Swaroop M S (1RR16EE037) placed in Stratogent with package of 3.2LPA.
19. Manoj Kumar S R (1RR17EE032) placed in Newton School as a Trainer.
20. Ravikumar H G (1RR18EE405) placed in Qspider Campus Connect Limited as a Trainer.
21. Uday Kanth Yadav G (1RR16EE040) placed in Qspider Campus Connect Limited as a Trainer.
22. Bharath N (1RR17EE030) placed in Ven Consulting India Pvt. Ltd. With a package of 3LPA.
23. Manoj D (1RR16EE410) placed in Mangala Electricals with a package of 3.6LPA.

FACULTYPUBLICATIONS

1. Prof. Bharathi V, “ Bi-directional power flow in Solar PV to maintain the Load PowerConstant using PSCAD”, IEEE India Council International Sub-Sections Conference(INDISCON-2020) on3rd&4thOctober 2020.
2. Prof. Bharathi V, “ Bi-directional power flow in Solar PV to maintain the Load PowerConstantusing PSCAD”,IEEEExplore2020.
3. Prof. Bharathi V, “[A Detailed Analysis of Microgrids](https://doi.org/10.9734/bpi/aaer/v13/9414D)”, Advanced Aspects of Engineering Research Vol. 13, pp. 95-107, 12th May 2021.<https://doi.org/10.9734/bpi/aaer/v13/9414D>
4. Prof.ShivalingaiahKL,“ComprehensiveReviewofWindingConfigurationinSwitched Reluctance Motor”, 3-Day International Conference (Online) Recent Trends in Electrical, Electronics, Telecommunications, Instrumentation, Medical Electronics Engg. & Physics (IC RTEETIMP-2020), at DAYANANDA SAGAR COLLEGE OFENGINEERING,on7th-9thDecember2020.
5. Prof. Shivalingaiah K L, “Performance Analysis of Switched Reluctance motor with different core material”, JETIP, vol. 7, issue 7, ISSN-2349-5162, pp no. 781-785, July2020.
6. Dr. N Saravanan,“Secure and high-speed Cryptography architectural design techniques for Internet of Things”, Journal of Critical Reviews (JCR), vol. 7 Issue 14, pp.7880–7890,June2020.
7. Prof. Bharathi V, “Camouflage Technique Wireless Multifunctional Army Robot”, Journal of Critical Reviews (JCR),vol.7Issue14, pp.1877–1886,June2020.
8. Prof. Avinash C M, “Mobile Integrated Smart Irrigation System using IoT”, Journal of Critical Reviews (JCR), vol.7 Issue14, pp.1857–1861, June2020.
9. Prof. Sincy Elezebeth Kuruvilla, “A Novel Design of Flower tying machine”,Journal of Critical Reviews(JCR), vol.7Issue14,pp.1783–1786,June2020.
- 10.Prof. Nandini N, “View of Microcontroller based waste segregator and management of wet waste to produce Organic Fertilizer”, International Journal of Advanced Science and Technology, vol.29,n0.06,June 2020

2019-2020 ACTIVITIES


Placement Activity:

RajaRajeswari College of Engineering
#14, Ramohalli cross, Kumbalgodu, Mysore Road, Bengaluru-74
(Approved by AICTE, New Delhi, Affiliated to VTU)

Department of Electrical and Electronics Engineering

Congratulations on Campus Placement 2021

FACE (Focus Academy for Career Enhancement) with 4 LPA



Shashank P Naidu
(1RR17EE020)


CET CODE: E145 COMED-K: E099 PGCET: T858
contact: 9008845678 www.rrce.org

RajaRajeswari College of Engineering
#14, Ramohalli cross, Kumbalgodu, Mysore Road, Bengaluru-74
(Approved by AICTE, New Delhi, Affiliated to VTU)

Department of Electrical and Electronics Engineering

Congratulations on Campus Placement 2021

Maintec Technologies Pvt. Ltd.,



Shaik Shaffiulla Sharief
(1RR17EE019)

CET CODE: E145
COMED-K: E099
PGCET: T858

contact: 9008845678 www.rrce.org

RajaRajeswari College of Engineering
#14, Ramohalli cross, Kumbalgodu, Mysore Road, Bengaluru-74
(Approved by AICTE, New Delhi, Affiliated to VTU)

Department of Electrical and Electronics Engineering

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Pentagon Space Pvt. Ltd



Soundarya Poovaiah K
(1RR17EE022)

CET CODE: E145 COMED-K: E099 PGCET: T858
contact: 9008845678 www.rrce.org

RajaRajeswari College of Engineering
#14, Ramohalli cross, Kumbalgodu, Mysore Road, Bengaluru-74
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Department of Electrical and Electronics Engineering

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Smart Brain's Engineers & Techologist Pvt. Ltd.,



Shreenidhi
(1RR17EE021)

CET CODE: E145
COMED-K: E099
PGCET: T858

contact: 9008845678 www.rrce.org

RajaRajeswari College of Engineering
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INFOSYS



DIVYA H
(1RR17EE008)


COMEDK CODE :E099
CET CODE :E145
PGCET:T858 CONTACT:
Mobile:+919008845678,
Admission Open For 2021-22
EMAIL:admission@rrce.org Website:www.rrce.org

RajaRajeswari College of Engineering
#14, Ramohalli cross, Kumbalgodu, Mysore Road, Bengaluru-74
(Approved by AICTE, New Delhi, Affiliated to VTU)

Department of Electrical and Electronics Engineering

Congratulations on Campus Placement 2021

Pentagon Space Pvt. Ltd



Samrin Mehdi
(1RR17EE017)

CET CODE: E145 COMED-K: E099 PGCET: T858
contact: 9008845678 www.rrce.org