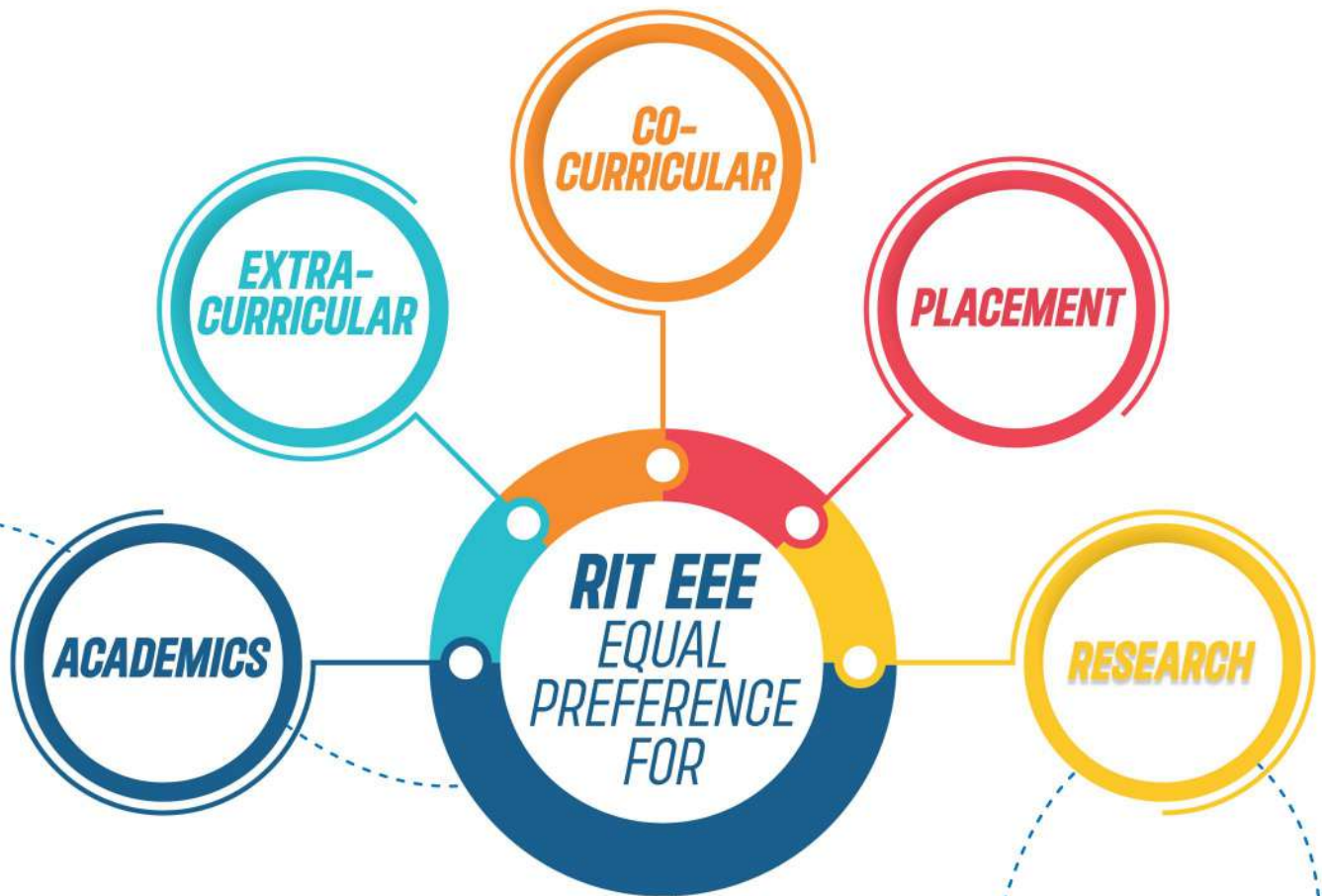




RAMCO INSTITUTE OF TECHNOLOGY

Rajapalayam - 626117



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

SCAN HERE
TO KNOW MORE



TNEA
Counselling
Code

4678

VISION

To produce highly competent Electrical and Electronics Engineers with professional skills and a sense of ethics to meet the demands of technologically advancing society.

MISSION

Empowering the students with up-to-date knowledge and technological skills in Electrical and Electronics Engineering thrust areas.

Providing a rigorous practical training through industrial collaboration to produce Electrical and Electronics Engineers with good design experience.

Adopting effective teaching learning methodologies and value added courses to create Electrical and Electronics Engineers with a strong fundamental knowledge.

Enabling the students to be life-long learners to meet intellectual, ethical and career challenges.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering is established in the year 2013. Currently, it offers a 4 year Under-Graduate programme, B.E. Electrical and Electronics Engineering with a sanctioned intake of 60.

The objective of the Department is to impart quality education and competitive training that will transform Students into Professional Engineers who are prepared to meet the needs of the society and adapt to the rapidly changing technology in various areas of Electrical and Electronics Engineering.

The Department has well-qualified and experienced Faculty members with specialization in Power Systems, High Voltage Engineering, Power Electronics and Control Systems. The Faculty members also have wide experience in teaching. They have a strong sense of responsibility to provide the finest possible engineering education to the students.

The Department has dedicated and state-of-the-art laboratories and leading softwares like DIgSILENT, LabVIEW Academy, ETAP, MATLAB and Power World Simulator to cater to academic and research activities. It provides the Students with an in-depth knowledge in fundamentals and practical applications.

The Department conducts Workshops, Seminars and Conferences and invites renowned academicians and industrial experts to enable the Students and Faculty to update with the latest developments. It also encourages Students to interact with Experts from Industries and other prominent Institutions.

NOTABLE ALUMNI

HIGHER EDUCATION DETAILS



VASUMATHI R ME,
PSG College of Technology,
Coimbatore.
Pursuing her Ph.D.
at IIT Madras



MUTHU MEENAKSHI M,
Pursuing her MS degree at
Arizona State University
in the United States.



Sivapriya K,
Pursuing her MEngg Graduate
Program at University
of Calgary, Schulich School
of Engineering, Canada

JOB DETAILS



MR. P. PREM KUMAR,
Batch 2014-2018
V93k System Test Engineer,
Advantest facility,
Advantest Corporation,
Nash Technologies,
Boblingen, Baden-Wurttemberg,
Germany.



MR. MOHAMED SAMEER,
Batch 2014-2018
Rane NSK Steering
Systems Private Limited
Vallancherry Guduvancherry
Tamil Nadu



Ms. S. KIRUTHIKA,
Batch 2015-2019
Robert Bosch,
Bangalore



MS.S.MATHUMATHI,
Batch 2014-2018
Cognizant



MR.S. ARAVIND,
Batch 2019-2023
EmbedUR Systems Pvt Ltd
Chennai



MS.S. ABINAYASHRI,
Batch 2019-2023
Zoho



MR.S.TILAK,
Batch 2019-2023
Zoho



MR.S. YOGESHWARA,
Batch 2017-2021
Yaskawa Electric
Corporation
Robotics company

PROJECT BASED LEARNING

Every year *National Science day* on 28 Feb – Project Expo



ESVC Runner up 2017

E-BAJA 2019
cash prize Rs. 1,00,000/-



SUVC 2018 Best Acceleration Award
and Best Autocross award

Tractor Design Competition
Tractor Design competition 2019
5th position out of 35 teams

Electric Cycle



EXTRA – CURRICULAR ACTIVITIES

NCC & SPORTS



NGO – PASUMAI VIZHIGAL



A NGO-Pasumai Vizhigal started by 67 students of EEE and Faculty Members

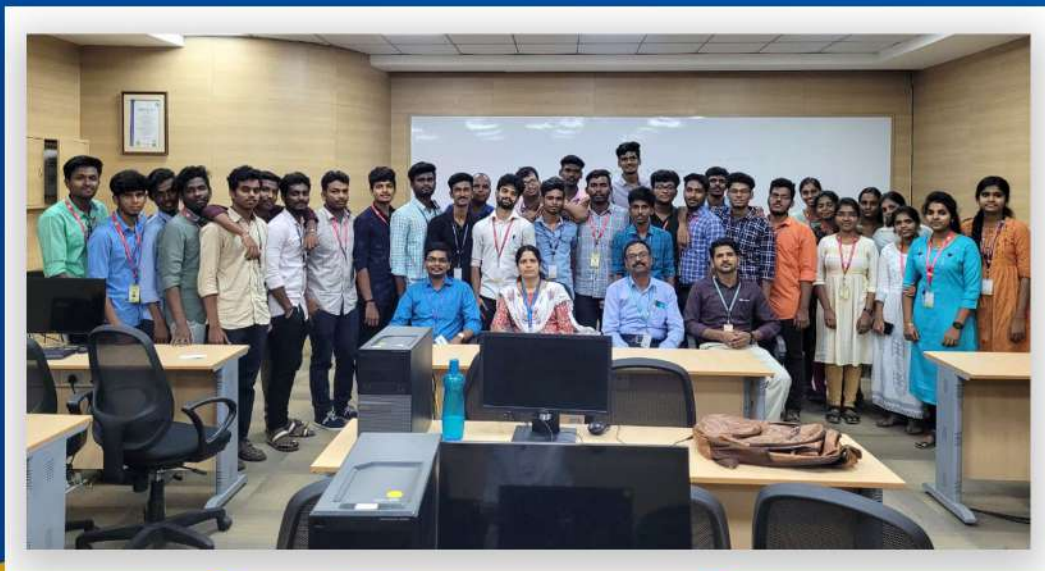
INTERNSHIP



MAG™

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INDUSTRIAL VISIT – EVERY YEAR



ACHIEVEMENTS

Best Outgoing Student



Mr. P. Prem Kumar,
Batch 2014-2018

University Rank Holders



Mr. Vignesh S
Rank - 35
Batch 2013-2017



Ms. Belsibai M
Rank - 45
Batch 2013-2017



Ms. Devikala S R
Rank - 27
Batch 2014-2018



Ms. Yashaswini G
Rank - 07
Batch 2016-2020

Prizes won in Co-curricular activities



FACULTY

Total Number of Faculty members: **13**
Professor (PhD Completed) : **01**
Associate Professor (PhD Completed) : **02**
Assistant professor (Senior grade)
Pursuing PhD : **06**
Assistant professor Pursuing PhD : **03**
Assistant professor : **01**

FACULTY Specialization

Power System Engineering (PSE), Power Electronics and Drive (PED), Control and Instrumentation (C&I), High Voltage Engineering (HVE), Applied Electronics (AE) and Embedded System Technologies (EST)

Publication

321 Publications

	All
Citations	2621
H-index	21
i10-index	43

Patent Details

Granted : 01 | Applied : 11
Project Proposal : 16 Applied
Granted : 03
Book : 12 Published



Recent Publication

Copyrights : 2 submitted

Consultancy – Gowri Metal House



International Certified Faculty Members (IUCEE)



Dr.K.Karthikeyan,
ASP/EEE



Mr.E.Thangam,
AP(SG)/EEE



Mr.S.Meenakshi Sundaravel,
AP(SG)/EEE



Mrs. G. Sivapriya,
AP/EEE



Mr. A. Guna,
AP/EEE

FACULTY INDUSTRIAL VISIT

Every year our department faculty visit industries regularly



Faculty Recent Working Themes

Electric Vehicle, IoT, AI, ML&DL, Smart Grid, Renewable Energy

DEPARTMENT ACCREDITATION DETAILS



FACILITIES

1. Engineering Practices Laboratory
2. Electrical Machine Laboratory 1 & 2
3. Power Electronics and Drives Laboratory
4. Control & Instrumentation Laboratory
5. Power System Simulation Laboratory

INDUSTRY SUPPORTED LABORATORY FACILITIES

1. NI LabVIEW laboratory
2. Tessolve Semiconductor Laboratory
3. Renewable Energy Laboratory

IOT Lab



PLC



Renewable
Lab



PLC 2



DAILY PRACTICES



RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University
Accredited by NAAC & An ISO 9001:2015 Certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

I am a codEEE

HALLOW STAR

Examples

Syntax

```
for(initialisation;text  
expression;increment  
or decreament  
operator){  
Statement  
}
```

```
int i, space, n = 5, j = 0;  
for (i = 0; i < n - 1; i++) {  
for (space = 1; space < n - i; space++) {  
printf(" ");  
}  
for (j = 0; j <= 2 * i; j++) {  
if (j == 0 || j == 2 * i)  
printf("**");  
else printf(" "); } printf("\n");  
for (i = 0; i < 2 * n - 1; i++) {  
printf("**"); }  
}
```

Output

```
INPUT n=5  
OUTPUT  
*  
* *  
* * *  
* * * *
```

11.02.2023

Programming

Prepared by: G. Angalaeswari, II year EEE



RAMCO INSTITUTE OF TECHNOLOGY
RAJAPALAYAM



KNOW A CONCEPT

DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING
RIT ELECTRA

Calculator

- Input:** Keyboard: About 40 tiny plastic keys with a rubber membrane underneath and a **touch-sensitive circuit** underneath that.
 - Processor:** A microchip that does all the hard work.
 - Output:** A **liquid crystal display(LCD)** for showing you the numbers you type in and the results of your calculations.
 - Power source:** A long-life **battery** (mine has a thin lithium "button" cell that lasts several years). Some calculators also have a **solar cell** to provide free power in the daylight.
- A circuit in the **processor chip** activates the appropriate segments on the display corresponding to the number you've pressed.



30.09.2022

Prepared by
A.Lishsha Vardhini II year (EEE)



RAMCO INSTITUTE OF TECHNOLOGY
RAJAPALAYAM

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
RIT ELECTRA



KNOW A WORD

Moot

Meaning : to suggest something for discussion.

Sample Sentence :

✓ The idea was first mooted long ago in 1840s.

13-02-2023

Prepared by: V. Vimal Anand, II Year-EEE

DEPARTMENT HIGHLIGHTS

1. Training for other languages like Hindi and German Points shall be included with help of Career Guidance Cell.
2. Every year our students got Attractive merit scholarship from Ramco trust
3. Strong Alumni connected department- Alumni supported the final year project reviews and act as resource person of several lectures and conferences.
4. A department with a Strong Mentoring System.

Address for Correspondence

Dr.S. Kannan, Ph.D., BOYSCAST Fellow

Professor and Head

Department of Electrical And Electronics Engineering

Ramco Institute of Technology

North Venganallur Village, Rajapalayam – 626 117,

Virudhunagar District, Tamil Nadu.



Ph: 04563 233413, 9442440249, 8903496654

Email: hodeee@ritrjpm.ac.in



@RAMCO_RIT_EEE

