



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Newsletter 2019 - 2020

About the Department

The department was established with an intake of 60 in the year 2013. The asset of the department is its highly qualified faculty members with excellent academic records and well established laboratory facilities since its inception. The department organizes various Value Added Programs, Seminars, Industrial visits and Workshops for the benefits of the students and faculty members. It also continuously coordinates with the college training and placement cell to provide opportunities for its students in core areas of Electrical and Electronics Engineering and software development. The main objective of the department is to develop illustrious Engineering graduates of high caliber who occupy prestigious positions in the academia and industrial fields. Apart from academics, the department possesses co-curricular clubs as EEE Association, ISTE activities and Tamil mandram events. The department has well equipped laboratories in Engineering practices, Control and Instrumentation, Power electronics, Electrical Machines, Power System Simulation with modern training and

research. The department has the latest simulation tools to facilitate learning in various specializations. The excellent placement record which has been consistently above 80 % for the past several years, alone of our students is ample testimony to the emphasis that has been placed on the industrial needs of our country.

Vision

- To develop professionally competent Electrical and Electronics Engineers to cater to the global needs in multi-disciplinary domains.

Mission

- To offer quality education in the field of Electrical and Electronics Engineering and to empower the students by imparting technical skills for innovating, transforming and globalizing the power sector so as to lead the society a better way.

EXECUTIVE COMMITTEE

CONVENORS

Dr.D.Senthilkumaran
Principal

Dr.K.Vijayakumar
Professor & Head.

EDITORIAL BOARD

D.Manoj
A.P/EEE

B.Marisekar
A.P/EEE

STUDENT MEMBERS

S. Vasim Akram, IV Year

P. Kannan, IV Year

M.Thirumalaisamy, III Year

S.Poopathi, III Year

Department of Electrical and Electronics Engineering
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AWARDS AND ACHIVEMENTS



Hands on training on LED tube light assembling
-TNSCST Workshop



Group Photo with TNSCST sponsored Workshop Participants



Guest lecture on " Placements in Software Domain"



TESSALT 2K19 Technical Symposium



Hackware by Schneider electric contest finalist



ISTE CHAPTER BEST STUDENT AWARD
received by Ms.S.RishyaDora,IV year EEE

PATENT PUBLICATIONS

| S.No | Name of the faculty | Patents Details |
|------|-------------------------------------|--|
| 1 | Dr.N.Balamurugan Asso. Prof /EEE | "FUZZY GAIN SCHEDULING SPEED CONTROLLERS USING V/F METHOD OF INDUCTION MOTOR DRIVE" Application No.201741007517 A Patent published: 17/05/2019 |

JOURNAL PUBLICATIONS

| S.No | Faculty Name | Designation | Title of the Journal | Published Year, Volume, Pages Details |
|------|------------------|-------------|--|---|
| 1 | Dr.K.Vijayakumar | Professor | "Influence Of Iron Powder Core On The Switched Reluctance Motor Performance Enhancement" Influence of iron powder core on the switched reluctance motor performance enhancement. | Materials today: Elsevier -Volume 33, Part 5, 2020, Pages 2255-2263 |
| 2 | Dr.N.Balamurugan | Asso. Prof | Experimental Analysis of Performance and Thermal Capability of Three Phase Squirrel Cage Induction Motor Using Plastered Composite Conductors | Bentham Science Publishers: Current Nanomaterials 2019, Volume 4, Pages 201-205 |

TOPPERS LIST (Nov/Dec 2019)

III SEM



THANUJ K
Reg. No. 922118105030
CGPA : 8.29



VISWAKSHENAN J
Reg. No. 922118105034
CGPA : 7.88



K.VIGNESHWARAN
Reg. No. 922118105033
CGPA : 7.79

V SEM



ANUSUYA M
Reg. No. 922117105006
CGPA : 8.13



THIRUMALAISAMY M
Reg. No. 922117105054
CGPA : 8.08



MANJUBASHINI G
Reg. No. 922117105029
CGPA : 7.94

VII SEM



ANITHA K
Reg. No. 922116105002
CGPA : 8.16



MALATHI S
Reg. No. 922116105018
CGPA : 8.02



ABIRAMI R
Reg. No. 922116105021
CGPA : 8.01

EVENTS ORGANIZED

| S.No | Date | Event Name | Experts details | Coordinators |
|------|--------------------------------|---|--|---|
| 1 | 15.07.2019 to 17.07.2019 | Three Days Workshop on "Awareness on cost effective LED Manufacturing, Electrical Hazards & Safety Practices" | Er.B.Philip Raj, Technical Skill Trainer E-Trainers Pvt Ltd, Coimbatore | Mr.D.Manoj, AP/EEE Mr.B.Marisekar AP/EEE |
| 2 | 10.08.2019 | Guest lecture on "Placements in Software Domain" | Mr.S.Amjath Ibrahim NoSQL Technology Specialist, UST Global Pvt. Ltd-Chennai. | Dr.N.Balamurugan Asso. Prof. /EEE |
| 3 | 20.09.2019 | TESSALT 2K19 Technical Symposium | Er.P.Prabu Schnider Electric, Chennai | Mr.G.Satheeshkumar AP/EEE Mr.T.Arulkumar,AP/EEE |



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