

VOLTSREADER' 17-18

Volume-2 - Jan 2018 to May 2018



Chairman's Desk

Thiru.A.Srinivasan Founder-Chairman of Dhanalakshmi Srinivasan Group of Institutions is well known for his philanthropic attitude. He envisioned a technological revolution and committed himself to establish an institution, to foster technical and higher education. He is a rare breed of educationalist, for whom quality is the way of life. A compassionate and modest person to associate with, he is quite undeterred in his conviction in executing to perfection anything that is for common good. The lush green environment, the expansive buildings, the well-equipped laboratories and the unparalleled discipline of the students stand out as shining examples of his own unique style of management.

Thanks to the full time participation of the Management and the guidance provided by learned professors, the college has achieved great heights. The Management believes that the nation needs not just engineers and professionals, but virtuous men and women who can be engineers and professionals. Integrity of character and discipline are imparted to students to become good citizens capable of utilizing their talents for the development of our Nation. I wish the team who worked for VOLTS Reader'17-18. The Department has continued to work in Progressive during July-2017 to December 2017. I wish you all success...



Principal's Desk

Electrical and Electronics Engineering is the fastest growing career and this trend is expected to continue over the next decade. Electrical Engineers work at the intersection of Engineering, the life sciences and healthcare, These Engineers take principles from applied science and physical sciences and apply them to Electrical and Electronics. Thus to initiate the students in this particular aspect, The department has issuing the newsletter called VOLTS Reader'17-18. It is an effort in the direction to give exposure to the students on the recent development in the field of Electrical and Electronics Engineering. I am sure that this will help to open avenues for exchanges of ideas in this important and emerging field in Electrical and Electronics Engineering.



Dr.S.Durairaj, M.E., Ph.D., PDF.,
BOYSCAST Fellow
Principal



VISION AND MISSION OF THE DEPARTMENT



VISION:

To infuse technical competencies of Electrical and Electronics Engineering and provide research ambience with values.

MISSION:

M1: To impart quality education and training in Electrical and Electronics Engineering with an overall background suitable for making a successful Engineer in industry and research or higher education.

M2: To develop life-long learning skills that allow them to be adaptive and responsive to changes in society, technology and the environment, as well as career demands.

M3: To provide an accredited dynamic scholarly environment wherein students learn to develop communications and leadership abilities to blossom as a professional.

M4: To ensure that every graduate is aware of the roles and responsibilities of the professional engineer in society through exposure to ethics, equity, safety and health considerations.

FROM HOD'S DESK



Dr.K.Anbarasan Ph.D.,

HEAD OF THE DEPARTMENT

FACULTY

PUBLICATIONS

Faculty are published their projects as well as their works in different journals like Scopus Index and International journals. Mrs.M.Parameswari published 2 papers SCI Journal and Mrs.K. Preetha published their works in international journals

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

It gives me immense pride and pleasure to conduct **10th National Conference** by our Electrical and Electronics Engineering Department. The main objective of the conference is to promote and disseminate knowledge on the various topics and technologies related with Electrical Department. The Symposium aims to serve students, researchers, engineers to help them keep abreast of new developments in the field of Electrical Department. The Symposium program represents the efforts of many people. I want to express our gratitude to the members of the symposium Committee Finally, the symposium would not be possible without the excellent papers contributed by authors. I thank all the authors for their contributions and their participation in **Energy Management And Renewable Energy Systems NCER-2K18 !!!**

I hope that this symposium will further stimulate research in Electrical systems and provide practitioners with better techniques and tools for deployment. I feel honored and privileged to serve the best recent developments in the field of Electrical to you through this national level technical symposium.

Academic Activities



In our college 2017-18 even semester they conducted Conferences (NCER 2K18), Seminar, Guest lectures, and Workshop for developing their knowledge in their academic activities.

Student Enrichment Programme



Student Enrichment Programme (SEP) has also been conducting by the department of Electrical & Electronics Engineering for the benefit of students. They are three different events conducted for the students like IEEE, SESI, ISTE and IAENG. SEP is very much useful for the students to develop their languages, confidence level and stage fearing. Students can learn many things by presenting some topics as well as they learn different idea.

Achievements

Students can participate workshop, projects, paper presentation, seminar and non technical events. Some students won their prices in projects some of them got participation certificate. If they won the prices in any events department congrats them and honor the students in upcoming events.



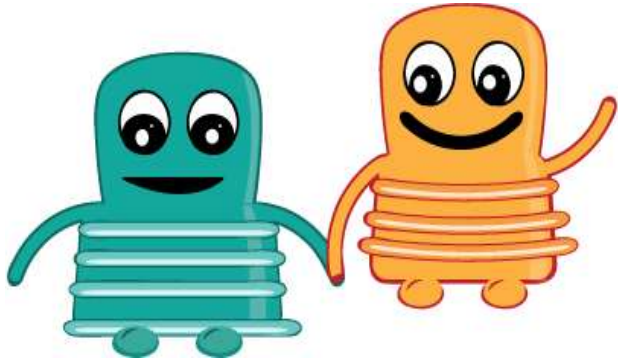
CONSULTANCY PROJECTS

In our college doing their consultancy projects for the different companies like:

- HFC Based Hybrid Wind Solar System (Real Time Model) by Electrosolar Solutions for the project incharge is Mrs.M.Paremeswari
- PQ Analyzer by Zentronics for the project incharge is Mr.S.Selvakumaran
- Priority Scheduler For Real Time Power Allocation In Home Energy Management System by Elite Power Systems India Private Limited, Chennai for the project incharge is Mr. D. Krishnamoorthi
- Double Buck Boost Converter As A High Power Factor Driver For Power Led Lamps Dhanalakshmi Srinivasan Groups- Trust for the project incharge is Mr.C.P.Vignesh
- Single Phase to Three Phase IGBT Based PWM Converter VI Micro Systems for the project incharge is Mr.V.Vinoth Kumar

Placement

Human resource and development (HRD) cell provides necessary infrastructure for the students to get placement. Also it offers guidance to the students for career planning and personality development by conducting various short term programs. HRD cell invites different companies to recruit our final year students



List of Companies for Placement

IDBI Federal Life, Coimbatore	10
We5 Solutions, Thiruppur	01
Paragon	02
Focus Edumatics, Chennai	02
Windcare Pvt Ltd	18
Aagna Corporate Services	10
Ss Technovation, Coimbatore	08
Minnacle India, Chennai	11
MIT Suba Industries	02
JAY JAY Mill India Pvt Ltd	02
Flex Electronics	16
HOFINCONS	09
Sanmina Sci India Pvt Ltd	06
PVC pvt ltd	01
AR Constructions	02
CRI Pumps	01
Hyundai Motor	02

