

[Volume 6 : Issue 12]

Sri Manakula Vinayagar Engineering College



“ELECTIC”

DEPARTMENT NEWSLETTER

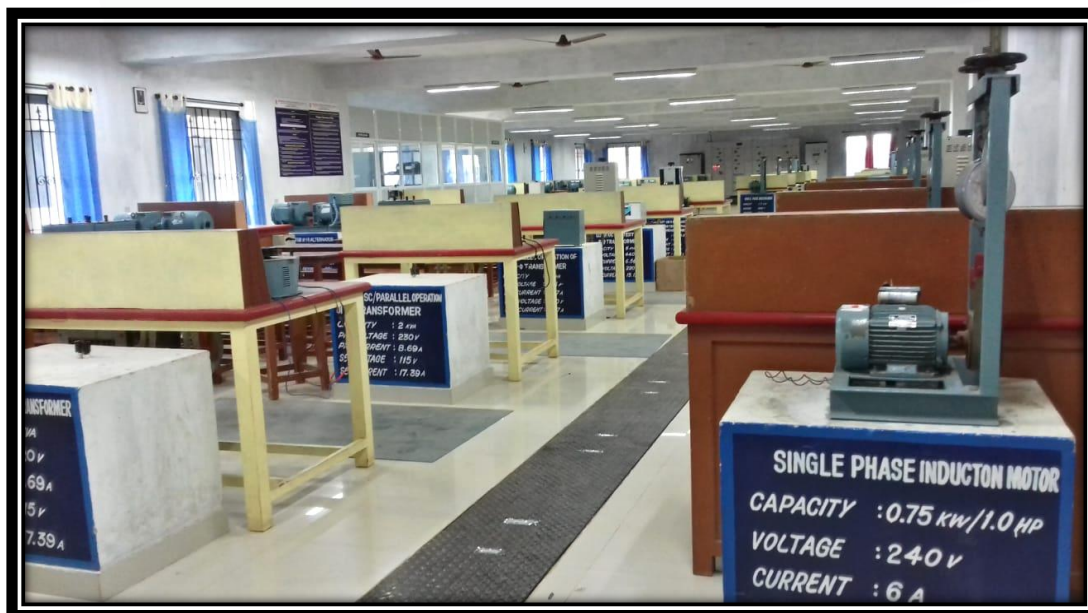
Department of Electrical and Electronics Engineering

MAY 2019 – NOVEMBER 2019



About the department:

The department was established in the year 1999. Initially it offered under graduate course with the strength of 60 and successfully increased to 120 during the academic year 2004-2005 and 180 in the year 2011. It also offers post graduate course in M.Tech-Power Electronics and Drives from the year 2011 with an approved intake of 18.



The department of Electrical and Electronics Engineering offers under graduate course in Electrical and Electronics Engineering and Post Graduate course in M.Tech-Power Electronics and Drives with industry required syllabus. It offers Professional and need based continuing education to conduct training Programmes in frontier areas of Electrical Engineering on par with consultancy and technical services to the industry.

The Department stands as a unique centre for promotion of excellence in Electrical Engineering and has been successful in fulfilling its role in this end of rocketing technologies. The faculty members have the tireless effort in contributing research papers to International journals like IEEE, Elsevier and Springer etc.

Electrical and Electronics Engineering is multi-disciplinary by nature, representing a veritable synergy of different technologies. To meet the challenges of the new millennium, we train our students in the areas of artificial neural networks, fuzzy logic, finite element analysis, computer aided design of electrical machines, micro-controllers and digital signal processing, generation, transmission and distribution of power, Power system operation and control, Electrical Machines, Power Electronics and their control using computer methods etc.

VISION OF THE INSTITUTE

To be a stimulating place to learn and practice technology and to become a leading college of engineering nationally and internationally recognized for its outstanding education research and outreach programs.

MISSION OF THE INSTITUTE

M1: (Foster the Inbuilt qualities)

To foster the inbuilt qualities of the students to face the challenges of the new millennium.

M2: (Innovative Ideologies)

To provide an opportunity to explore and experiment innovative ideologies.

M3: (Potential Dexterity)

To equip our students with the vital and potential dexterity in order to flourish in the corporate and industrial sectors.

M4: (Excellence in Engineering)

To dilate as centre of relevance and excellence in engineering and technology.

VISION OF THE DEPARTMENT

“To be an effective source of technical manpower for the nation and to contribute to the growth of the nation by constantly upgrading the quality of technical education by meeting the challenging needs of the twenty first century and effectively coordinating the activities of the staff, students and the industry while keeping up the ethical and moral standards required”.

MISSION OF THE DEPARTMENT

M1: (Quality education and Ethics)

To provide quality education with ethical values.

M2: (All round competitiveness)

To train and educate students with all round competitiveness.

M3: (Centre for Research studies)

To develop the department as a Centre for research studies in various Specialized areas and to strengthen the Industry-Institute Interaction.

M4: (Higher studies and Society oriented research)

To motivate the students to do higher studies and to undertake society oriented research.

M5: (Team Spirit, Leadership Quality)

To nurture the talent and to facilitate the students with Team Spirit, Leadership Quality and Flexibility in Budding Electrical Engineers that makes a positive difference to society through education.

GOLD MEDALISTS & UNIVERSITY RANK HOLDERS



UNDER GRADUATE STUDENTS UNIVERSITY RANK LIST YEAR WISE:

BATCH	TOTAL RANKS	RANKS OBTAINED
2014-2018	Yet to be announced	1 (Gold medal)
2013-2017	4	2,4,6,7
2012-2016	5	2,3,4,6,7,8
2011-2015	5	1,2,6,7,10
2010-2014	9	1,3,5,6,10, 11,12,13,14
2009-2013	10	1,2,4,5,6,7,9,11,12,13
2008-2012	7	1,2,4,9,13,14,15

POST GRADUATE STUDENTS UNIVERSITY RANK LIST YEAR WISE:

BATCH	TOTAL RANKS	RANKS OBTAINED
2015-2017	1	1
2014-2016	1	1
2013-2015	6	2,3,4,6,7,9
2012-2014	6	2,4,5,7,8,9

STUDENTS ACHIEVEMENTS

“INDIA INNOVATION CHALLENGE DESIGN CONTEST 2018 – IICDC 2018”:



Our Final year students **Ms. Nallam Ramalakshmi, Ms. N. Karpagam, Ms. R. Soniya and Ms. R. Aswini** had participated in IICDC 2018 competition which was held at IIM, Bangalore on 23rd JULY 2019. They have done and exhibited a project titled as ‘**Mustard Seed Processor (MSP) Machine**’ which integrates harvesting, cutting and grading of mustard in a single machine, under the guidance of **Mr. K. Thangaraj**, Assistant Professor, EEE, SMVEC.

They received a cash prize of **Rs.25,000/-** for being shortlisted as semi-finalist. Also received a product development fund of **Rs.5 Lakhs** from the Department of Science & Technology for developing their prototype as product. Following this, they received a cash prize of **Rs.2 Lakhs** for being second runner up in the finals. These students were appreciated for their innovative work by **Smt. Padma Jaiswal, I.A.S.,** Secretary, Directorate of IT, Government of Puducherry.

CIYF-CHENNAI INTERNATIONAL YOUTH FESTIVAL 2019



Our III year students **Barrath.V , Anirudh.V & Harish K.S** has won first prize in the Robo war with a Cash prize of **Rs.12,500/-** and Robo race with a cash prize of **Rs.6000/-** conducted by Chennai International Youth Festival-2019, Chennai in Association with Ministry of Skill Development and Entrepreneurship MSDE, Ministry of Finance on 15.09.2019.



Our second year students **Raghul.M, Sri Balaji.S, Kirubanithi.A & Arun kumar** has won Second prize in the International level “CIYF 3.0” organized by Youth Development Consortium with a cash prize of **Rs.6000/-** by taking part in the event “ROBO WAR” (5Kg) on 15.09.2019.



Our department students Karunya.N Jerin sarah lourdes, Naresh Kumar.D, Prasad.N.K, Dhanushvarma.R, Narenthiran.V.S, Gopidhan.M and Hema suprajha has participated and presented their working model for the given problem statement in various events of “ INDIA International science festival -2019” sponsored by Ministry of DST, Ministry of forest and climate change, Ministry of Renewable energy and supported by DRDO, DAE, ICAR, ISRO,AICTE, ICMR which held between 05.09.2019 to 08.09.2019 at Biswa bangla Convention Centre, Kolkata.



Our II year students **Akshayakumar.M** , **Ashwin.S** , **Alice arnald.A** has won 1st Prize in the National level students symposium “**QUANTUM GENESIS 2019**” conducted by Pondicherry Engineering college with a cash prize of Rs.1000/- by taking part in the Paper presentation event on 17.10.2019.



Our II year students **Vigneshwaran.A & Vignesh.V** has presented their Paper in the National level technical Symposium “**TRANSFORM2k19**” organized by Dr.Kalam Institute of Engineering Research on 29.07.2019.

ROBOVANZA'19



Our III year students **Dhineshkumar.R, Jayasuriya.J, Nihil Kumar.V.S, Mangeshkar.M, Malan deepak.S, Koutham.K** participated in National level robotics competition "ROBOVANZA" conducted in Chitanya Bharathi Institute and technology, Hyderabad on 15.09.2019 and won cash prize of **Rs.15000/-**.



Our II year students **Manibharathy.K, Vigneshwaran.A, Manoj Kumar.G & Vignesh.A** has participated in the national level Techno-Management fest “AARRUUSH” organized by SRM institute of science & Technology by taking part in the event “Autonomous Robot Challenge” on 29.09.2019

INDUSTRIAL VISIT:



Industrial visit at Ace components, Mysore for our III year students on 19.07.2019.



Industrial visit at Lee-pra Technologies, Mysore for our III year students on 20.07.2019.

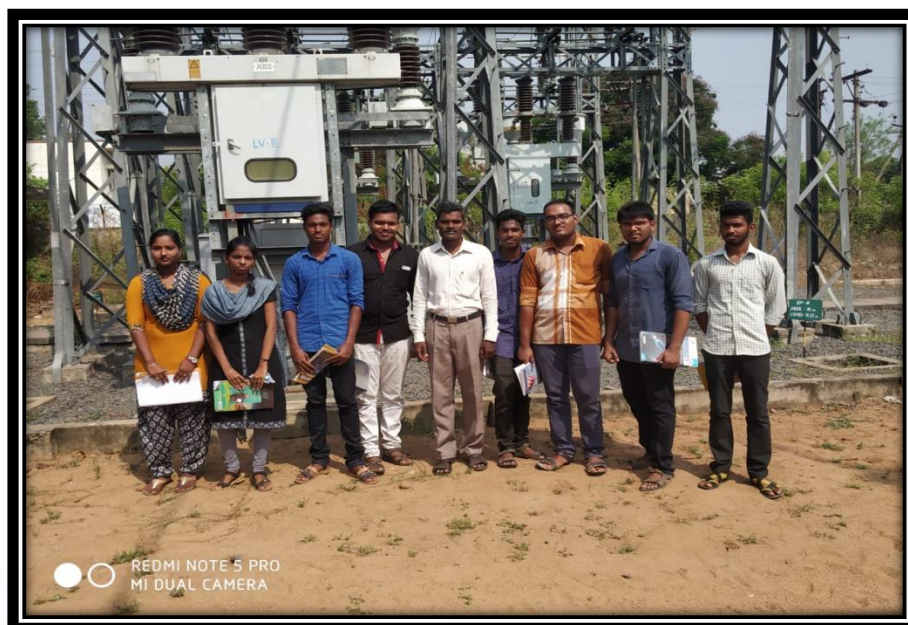


Industrial visit at Pentagon switchgear, Coimbatore for our II year students on 02.08.2019.



Industrial visit at Mass solar systems, Coimbatore for our II year students on 03.08.2019.

INDUSTRIAL INTERNSHIP:



Internship Training at Ramakrishna Transformers, Puducherry for our III year students from 26.08.2019 to 30.08.2019.



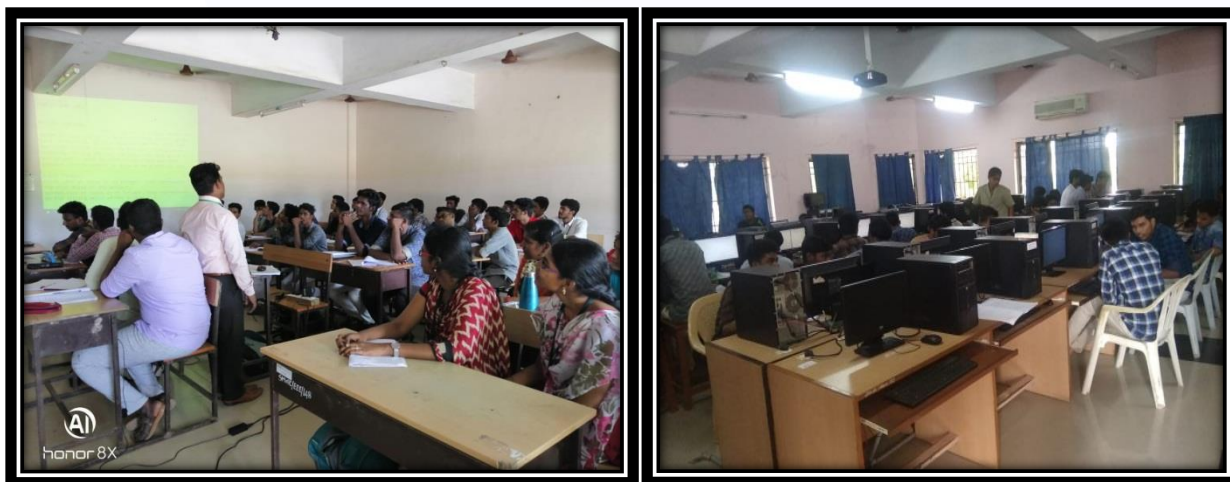
Internship Training at Manatech Pvt Ltd, Puducherry for our III year students from 24.06.2019 to 28-06-2019.

HANDS-ON TRAINING on Autodesk Inventor



Hands on training - Auto desk inventor **Staff:** Mr.K. Arun, Mr. K, Thangaraj on Saturdays for III year students

TRAINING on Python Programming Language



Hands on training - **PYTHON PROGRAMMING LANGUAGE** by Dr. P.Jamuna, Mr. V. Malarselvam & Mr. J. Muruganandham for II year and III year students on Saturdays

ENERGY CONSERVATION AWARENESS PROGRAM:



Our Department students involved in creating “Awareness of Energy Conservation”

NSS EVENTS- SOCIAL ACTIVITIES



Our Department Students collecting Household Data under the scheme “UNNAT BHARAT ABHIYAN”



Discussion with the Village Administration Officer – at Mannakuppam Village regarding Village Survey



Our Students department students actively involved in Campus Cleaning



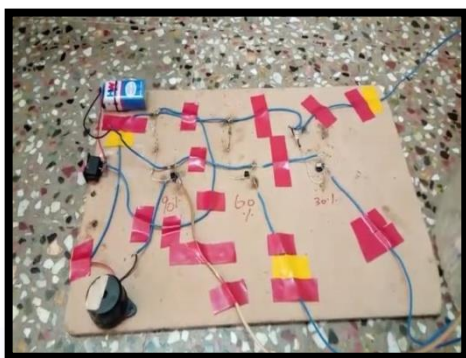
Tree Plantation by our students around the campus area



Awareness Program on “Importance of NSS” for First Year Students of EEE

TECHNICAL CLUB ACTIVITIES:

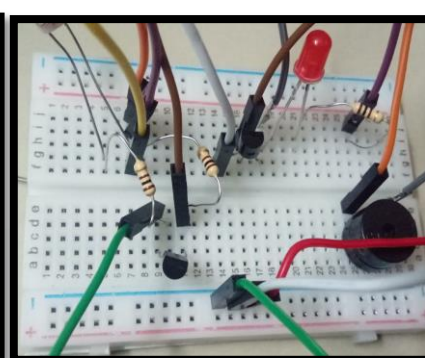
Some glimpse of our students Mini projects



Liquid level indicator



Portable Mobile charger



Laser security system

Mini Project contest was conducted in our department under the Technical club in which students actively participated and created their own projects and display in the event.

Placement details of our students: Batch 2016-2020

<i>S.No.</i>	<i>Company Name</i>	<i>Nature of company</i>	<i>No. of students placed</i>
1.	TCS DIGITAL	IT	02
2.	TCS NINJA	IT	50
3.	WIPRO	IT	03
4.	HCL TECHNOLOGIES	IT	01
5.	JUST DAIL	IT	04
6.	FULL CREATIVE	IT	04
7.	SUTHERLAND	KPO/BPO	09
TOTAL (Till November 2019)			73*

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