



NEWS LETTER JAN-JUN 2023

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VISION OF THE DEPARTMENT

- ✓ To be a place of academic excellence by imparting quality teaching, carrying out research and technological development in frontier areas of Electrical and Electronics Engineering leading to global competence for the societal and industrial developments.

MISSION OF THE DEPARTMENT

- To provide technical proficiency by adapting well defined teaching learning process.
- To create an environment to practice ethical codes.
- To prepare the graduates to be professionally competent with good communication and interpersonal skills to meet up the industrial needs.
- To motivate the students to pursue higher studies and research activities.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- ❖ To prepare the graduates with good attitude and strong knowledge in basics of Science and Engineering.
- ❖ To craft them to engross in life long process of learning to keep themselves abreast of new developments in the field of Electronics and their applications in power engineering for the enhancement of our society.
- ❖ To prepare the graduates to acquire successful technical and professional careers in their chosen fields such as circuit theory, Field theory, control theory and computational platforms, by upholding the professional ethics, by exhibiting professionalism.

PROGRAM OUTCOMES (POs)

Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life- long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PLACEMENT DETAILS – BATCH: 2023
U.G – ELECTRICAL AND ELECTRONICS ENGINEERING

S.NO	NAME OF THE STUDENT	NAME OF THE COMPANY	SALARY PACKAGE
1	R.ARUN	VPG SENSORS	174000
2	M.ARUNKUMAR	VPG SENSORS	174000
3	A.BALAMURUGAN	VPG SENSORS	174000
4	M.GOWDHAMKUMAR	VPG SENSORS	174000
5	M.MAHESHWARI	VPG SENSORS	174000
6	B.MUTHUIRULAPPAN	VPG SENSORS	174000
7	K.MUTHURAMAN	VPG SENSORS	174000
8	V.SARANYADEVI	VPG SENSORS	174000
9	P.VIGNESH	VPG SENSORS	174000
10	GOKUL RAJ	VPG SENSORS	174000
11	SAMUEL	VPG SENSORS	174000

STAFF PUBLICATIONS

1. Abirami M , **Nagavi K** .”Smart Blind stick using IOT”, International Journal of Progressive Research in Engineering Management and Science .Vol. 03, Issue 05, May 2023, pp : 797-799.
2. R. Arun , **Dr. R. Sivasangari** ,” DRIVER DROWSINESS AND BRAKE FAILURE ALERT SYSTEM USING ARDUINO” International Journal of Progressive Research in Engineering Management and Science ,Vol. 03, Issue 05, May 2023, pp : 682-685
3. Muthuraman B. , **Dr. R. Sivasangari**,” IOT BASED UNDERGROUND CABLE FAULTDETECTOR, “International Journal of Progressive Research in Engineering Management and Science Vol. 03, Issue 05, May 2023, pp : 649-655
4. B. Muthairulappan , **M. Muthukumar**” INTERNET OF THINGS BASED POWER THEFT DETECTION SYSTEM ““International Journal of Progressive Research in Engineering Management and Science, Vol. 03, Issue 05, May 2023, pp : 611-615
5. Bala Murugan. A , **Mrs. A. Mariya Chithra Mary**,” AUTOMATIC POWER FACTOR CORRECTION BY USING ARDUINO UNO , “International Journal of Progressive Research in Engineering Management and Science , Vol. 03, Issue 05, May 2023, pp : 606-610
6. P. Vignesh , **J. Ganesan**. ENHANCEMENT OF VOLTAGE REGULATION USING D-STATCOM IN PV DISTRIBUTION SYSTEM , “International Journal of Progressive Research in Engineering Management and Science Vol. 03, Issue 05, May 2023, pp : 566-569
7. V. Saranyadevil , **A. Mariyachithramary. M.** ,”AUTOMATIC SOLAR TRACKING SYSTEM USING ARDUINO “ International Journal of Progressive Research in Engineering Management and Science, Vol. 03, Issue 05, May 2023, pp : 602-605

ASSOCIATION ACTIVITIES

Sl. No	Date	Events	Students	Resource person/Conducting person
1	3/2/23	Quantity Aptitude quiz - Topic Work and time	All year EEE students	TIME Institute, Madurai
2	10/2/23	Quantity Aptitude quiz - Topic Pipe and cisterns	All year EEE students, External participants	TIME Institute, Madurai
3	17/02/23	Guest lecture -Electrical Machines	All year EEE students	R.Juswanth Babu III EEE

FDP ATTENDED BY FACULTY

<u>S.NO</u>	<u>NAME OF THE FACULTY</u>	<u>FDP ATTENDED BY STAFF UNDER NAAN MUDHALVAN-TN SKILLS TRAINING</u>
1	DR.R.SIVASANGARI	SPOC TRAINING AT TCE ,MADURAI
2	MR.J.GANESAN	ROBOTIC PROCESS & INDUSTRIAL AUTOMATION
3	MRS.A.MARIYA CHITHRA MARY	SMART ENERGY GRID
4	MR.M.MUTHUKUMARAN	1.DESIGN OF PHOTO VOLTAIC SYSTEM 2. IOT FOR INDUSTRIAL APPLICATIONS
5	MR.B.NAGAVI	EMBEDDED SYSTEM DESIGN FOR INDUSTRIAL APPLICATION
6	MR.M.RAMACHANDRAN	ELECTRIC VEHICLE CHARGING SYSTEM
7	MRS.N.ANUSUYADEVI	MACHINE LEARNING

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