

Nature is the art of God.” » Dante Alghieri

“I go to nature to be soothed and healed, and to have my senses put in order.” » John Burroughs

“In a moment the ashes are made, but a forest is a long time growing.” » Seneca “The poetry of the earth is never dead.” » John Keats

“Some of nature’s most exquisite handiwork is on a miniature scale, as anyone knows who has applied a magnifying glass to a snowflake.” » Rachel Carson“

There is nothing pleasanter than spading when the ground is soft and damp.” » John Steinbeck

“An early morning walk is a blessing for the whole day.” » Henry David Thoreau

“People from a planet without flowers would think we must be mad with joy the whole time to have such things about us.” » Iris Murdoch

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

1. **PEO: 1** Lead a professional career by acquiring the basic knowledge in the field of specialization and allied Engineering.
2. **PEO: 2** Assess the real life problems and deal with them confidently relevance to the society.
3. **PEO: 3** Engage in lifelong learning by pursuing higher studies and participating in professional organizations.
4. **PEO: 4** Exhibit interpersonal skills and able to work as a team for success.

PROGRAMME OUTCOMES (POs)

1. **PO: 1 Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **PO: 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. **PO: 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. **PO: 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. **PO: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. **PO: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. **PO: 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. **PO: 8 Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **PO: 9 Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **PO: 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. **PO: 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. **PO: 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..

PROGRAMME SPECIFIC OUTCOMES (PSOs)

1. **PSO: 1** Skilled to analyze, design and test various electrical and electronic circuits, control system, instrumentation system, computer systems, microprocessor and microcontroller based systems.
2. **PSO: 2** Exhibit knowledge and hands-on competence in the application of Electrical machines and power electronic based drives system.
3. **PSO: 3** Design and investigate problems in power system network along with protection schemes and effective utilization of electrical energy.
4. **PSO: 4** develop a project management tool for solving complex electrical/electronic problems by applying the knowledge of basic sciences, mathematics and engineering fundamentals.

STAFF ACTIVITIES:

ACADEMIC ACTIVITIES:

1. Mr.S.Ramaraj participated in National Workshop on “Energy auditing and conservation techniques”, at PSG college of Technology on 14-19th April 2017.
2. Mr.T.Balasubramanian participated in National Workshop on “Energy auditing and conservation techniques”, at PSG college of Technology on 14-19th April 2017.
3. Ms.B.Mangaiyarkkarasai participated in National Workshop on “Energy auditing and conservation techniques”, at PSG college of Technology on 14-19th April 2017.
4. Ms.V.Dhivya Rubini participated in National Workshop on “Energy auditing and conservation techniques”, at PSG college of Technology on 14-19th April 2017.
5. Mr.T.Balasubramanian in recognition of his role as mentor for the NPTEL online certificate course for “BASIC ELECTRONICS” on January-April17.
6. Mrs.R.Aruna successfully completing the course in “BASIC ELECTRONICS” with a consolidated score of 60% in NPTEL online Course on January-april17.(12week course)

JOURNALS AND CONFERENCE PUBLICATIONS:

1. Dr.S.Ramesh attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE’17) on the title of, “Solving Reactive Power Dispatch Problems Considering FACTS Devices”, on 16th –18th March 2017.
2. Mr. T. Balasubramanian attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE’17) on the title of, “Noise Charger”, on 16&18 March 2017.
3. Mr.S.Sivakumar attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE’17) on the title of, “Analysis and Implementation of Shunt Active Power Filter to Improve Power Quality”, on 16 & 18 March 2017.
4. Mrs.S.Krishnaveni attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE’17) on the title of, “Analysis and Implementation of Single Stage Bridgeless Boost Rectifier for Piezo Electric Energy Harvesting Applications”, on 16 & 18 March 2017.
5. Mrs.R.Aruna attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE’17) on the title of, “Design and Implementation of DC-DC Converter Using PV Applications”, on 16 & 18 March 2017.

6. Mrs.M.Yamuna attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE'17) on the title of, "Wireless Home Automation Using ARDUINO", on 16 & 18 March 2017.
7. Mr.S.Ramaraj attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE'17) on the title of, "A Novel and Laudable Advent of Intelligent Soft Starting Technique in Three Phase Induction Motor for Industries", on 16&18 March 2017.
8. Mr.P.Sarathchandran attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE'17) on the title of, "Generation of Electric Power from Bicycle Using Home Appliances", on 16 & 18 March 2017.
9. Mr.P.Sarathchandran attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE'17) on the title of, "Flash Flood Intimation over GSM Network", on 16 & 18 March 2017.
10. Mr.S.Manimaran attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE'17) on the title of, "Dynamic Workflow Scheduling for Multi-Occupant Cloud Environment", on 16&18 March 2017.
11. Ms.B.Mangaiyarkkarasi attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE'17) on the title of, "PIC Based Automatic Meter Reading System Using GSM", on 16 & 18 March 2017.
12. Mr. R. Madavan attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE'17) on the title of, "Selection of optimum liquid insulation blend using optimization techniques", on 16&18 March 2017.
13. Mr. R. Arunkumar attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE'17) on the title of, "Modeling and Control of Magnetic Levitation System", on 16&18 March 2017.
14. Mrs. K. Genga Devi attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE'17) on the title of, "Inferno Rescuer", on 16 & 18 March 2017.
15. Ms. V. DhivyaRubini attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE'17) on the title of, "Dual Safety for Indian Fisherman Using Embedded System with Assisted GPS", on 16&18 March 2017.
16. Mr.R.ArunKumar attended an International Conference on Recent Trends in Electrical, Electronics and Communication Engineering (REECE'17) on the title of, "Modeling and control of magnetic levitation system", on 16&18 March 2017.
17. Ms.S.Shenbagarama lakshmi attended an International conference on Emerging trends in Engineering and technology (I-SEC-ICETET-2017) on the title of "Electric spring for future smart grid", on 2nd June2017.

18. Ms.B.Mangaiyarkarasi participated in the paper presentation event in National level technical symposium (PRAKALPA-2K17) on 3rd March 17.
19. Mr.P.Sarath Chandran participated in the paper presentation event in National level technical symposium (PRAKALPA-2K17) on 3rd March 17.
20. Mr.T.Balasubramanian participated in the paper presentation event in National level technical symposium (PRAKALPA-2K17) on 3rd March 17.
21. Ms.V.Dhiva Rubini participated in the paper presentation event in National level technical symposium (PRAKALPA-2K17) on 3rd March 17.

STUDENT ACTIVITIES:

INTER/INTRA STUDENT ACTIVITIES (winning): 2016-2017

Academic Year	Name of the students	Date of the event	Name of the event	Prize	Institute
CAY 2016-2017	MAHALAKSHMI.R	17-02-2017	Play Store in ADHYASA' 17	I	P.S.R.R Engineering College for Women
	SUSITHRA.G	17-02-2017	Play Store in ADHYASA' 17	I	P.S.R.R Engineering College for Women
	GURUNATHAN.S	03-03-2017	Project Contest in National Level Symposium PRAKALPA -2K17	I	P.S.R. Engineering College, Sivakasi
	CHIDAMBARAM.V	03-03-2017	Project Contest in National Level Symposium PRAKALPA -2K17	I	P.S.R. Engineering College, Sivakasi
	GOKUL.S	03-03-2017	Paper Presentation in National	I	P.S.R. Engineering College, Sivakasi

			Level Symposium PRAKALPA -2K17		
	THANGADURAI.M	03-03-2017	Project Contest in National Level Symposium PRAKALPA -2K17	II	P.S.R. Engineering College, Sivakasi

INTER COLLEGE STUDENT ACTIVITIES: 2016-2017

Academic Year	Name of the students	Date of the event	Program	Institute
CAY 2016-2017	GANESH PANDI K MARIMUTHU R MURUGESAN T		Air pollution monitoring system using ZIGBEE technology	India cements ltd, tirunelveli
	GANESHA MOORTHY R KALIDASS A NIRMALASINGH SHARMA S		electrical control panel for hydraulic press machines with PLC	Bharani hydraulics india ltd, Coimbatore
	ANANTHALAKSHMI M PREETHA M VISITHRA G		Analysis of SF6 circuit breaker in 110kv substation	Ramco cement company, RR nagar, virudhunagar
	SANTHOSE KUMAR P THIRUMURUGAN T KARTHIC PRABHU R		Paper damage indication using wireless	Sripathi paper mill,sivakasi
	VIGNESHKUMAR V VIJAYAKUMAR R		induction motor control using PLC	J.K.fenne(india) pvt,Ltd.madurai
	KARTHICK S MARISAMY T VIJAYARGAVAN K		Implementation of MPPT techniques using SEPIC converter in PV module	Ramco cements limited,RR nagar ,virudhunagar.
	HARINI PRIYA S SASIPRIYNGA G KAVITHA A		Microcontroller based automatic power factor correction	Sri vijayamahalaxmi spinning mills,thirupur.

PREMNATH.S KALIDAS DHILIP.S		Smart ground vehicle	Combat Vehicles research & development Establishment Defense research & development organization Avadi,chennai
KANMANI RAJA.I NISANTH.T SRINIVASAN.K.B		Automatic logging and transfer of substation data using IOT	The Ramo cements limited, virudhunagar
MAHALASHMI.R SUSITHRA.G	17-02-2017	Play Store in ADHYASA'17	P.S.R.R Engineering College for Women
SUSITHRA.G NANDHINI.R MAHALASHMI.R PAVITHRA.S	17-02-2017	Paper Presentation in ADHYASA'17	P.S.R.R Engineering College for Women
DHARANIKUMAR.K	16-02-2017	Workshop on Appln. Of Soft Computing Techniques in Engg.	FX Engg college
MARISELVAKUMAR.M	24-03-2017	Conference on Automatic Street light damage detector	P.S.R.R Engineering College for Women
CHIDAMBARAM.V PAVITHRA.S MAHALAKSHMI.R SUSITHRA.G DHARANIKUMAR.K NANDHINI .R	Jan2017- Apr 2017	Course on Basic Electronics	NPTEL Online Exam
CHIDAMBARAM.V MAHENDRAN J GOKUL S ALAGUSELVAM R KAMALRAJ K RAMSUNDAR S	01-05-2017 to 05- 05-2017	Inplant Training	Advanced Training Institute Chennai, Chennai
SYEDIBRAKIM.D BALAMURUGAN.U MOHAMED ABUBACKAR.A	02-05-2017 to 12-05- 2017	Inplant Training	SPIC Limited , Tuticorin

PAVITHRA.S MAHALAKSHMI.R NANDHINI.R SUSITHRA.G	26-05-2017	Workshop on Ethical Hacking	Academia Scientist An Indian Research Community Group
DHARANIKUMAR.K	05-05-2017	Workshop on Android App Development	UNIQ Technologies

INTRA COLLEGE STUDENT ACTIVITIES: 2016-2017

ACADEMIC YEAR	NAME OF THE STUDENTS	DATE OF THE EVENT	PROGRAM	INSTITUTE
2016-2017	PRADEEP KUMAR.M RANJITHKUMAR.S	16-03-2017 to 18-03-2017	National Level Conference on Energy generation from Revolving Door	P.S.R Engineering College
	MARI SELVAKUMAR.M	09-03-2017	Project expo in EKTHESI 2K17	
	MOHAMED ABUBACKAR.A	09-03-2017	Minute Of Movie in EKTHESI 2K17	
	THANGADURAI.M MARI SELVAKUMAR.M	03-03-2017	Project Contest in National Level Symposium PRAKALPA-2K17	
	GURUNATHAN.S	03-03-2017	Poster Presentation inPRAKALPA-2k17	
	CHIDAMABARAM.V NIVETHA.T.K KAVIPRIYA.S KRISHNAVENI.P PAVITHRA.S DHARANIKUMAR.K MARIDURAI K MUTHUKUMAR C GOKUL.S	03-03-2017	Paper Presentation in PRAKALPA-2k17	