

PERIYAR CENTENARY POLYTECHNIC COLLEGE

PERIYAR NAGAR – VALLAM – 613 403 – THANJAVUR – TAMIL NADU
(AUTONOMOUS INSTITUTION)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACHIEVEMENTS

2021 - 2022

PERIYAR CENTENARY POLYTECHNIC COLLEGE
PERIYAR NAGAR – VALLAM
AUTONOMOUS INSTITUTION
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Awards & Achievements

Best Student Award

Selvan J.Sathyamurthy III year Electrical and Electronics Engineering received the **Best outgoing student award** for the year 2021-2022.



Best Project Award

Best Project Award for the year 2021-2022 - Chandru. R, Deepan. S, Dharmaraj. S, Elanchezhyan. M, Naveenraj. D, Sathyamurthy. J - III Year Electrical and Electronics Engineering in the topic “Auto temperature detector for entrance for COVID safety with IOT process” on 09.05.2022 at our Polytechnic College, Vallam.



Drawing Competition

Selvan R.Chandru received 1st Prize in Founders day celebration on 02.12.2021

Sports Competition

Selvan S.Manoj got 1st Place in Shot Put in Sports Day 2021-2022

Selvan S.Hariganesh got 3rd Place in High Jump in Sports Day 2021-2022



Patent Application Publication

Date of filing of Application	14.05.2022
Title of the Invention	An Agricultural E-Vehicle System
Dept	EEE
Name of the Applicant	Periyar Centenary Polytechnic College

Controller General of Patents, Designs & Trade Marks
G.S.T. Road, Guindy, Chennai-600032
Tel No. (091)(044) 22502081-84 Fax No. 044 22502066
E-mail: chennai-patent@nic.in
Web Site: www.ipindia.gov.in



सत्यमेव जयते



G.A.R.6
[See
Rule 22(1)]

RECEIPT

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amrys 10/29C, Bharathi nagar, Kalveerampalayam,
Bharathiyar University Post, Coimbatore-641046 Email:
docket@amrysipr.com

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	E-106/2783/2022/CHE	202241027790	0	-1	FORM28	Full	
2	202241027790	TEMP/E-1/30894/2022-CHE	1600	19325	FORM 1	Full	AN AGRICULTURAL E-VEHICLE SYSTEM
3	E-12/3542/2022/CHE	202241027790	2500	19325	FORM 9	Full	
4	R20224017993	202241027790	4000	19325	FORM 18	Full	

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0000965043	Online Bank Transfer	1405220000336	8100.00	1475001020000001

Total Amount : ₹ 8100.00

Amount in Words: Rupees Eight Thousand One Hundred Only

Received from amrys the sum of ₹ 8100.00 on account of Payment of fee for above mentioned Application/Forms.

* This is a computer generated receipt, hence no signature required.

Paper Presentation – Periyar Techno Meet 2022

Si. No.	Date	Name of the Students	Year / Sem.	Topic	Venue	Prize / Presented
1	23.12.2021	R.Chandru J.Sathyamurthy	III / V	Artificial Intelligence in Power Station	PCPC, Vallam	II Prize
2	23.12.2021	D.Yujin Karunakaran P.Smith Kingslee	III / V	Smart Grid	PCPC, Vallam	Presented
3	23.12.2021	S.Deepan S.Dinesh	III / V	Smart Hybrid Vehicles	PCPC, Vallam	Presented
4	23.12.2021	M.V Tamilselvan A.Monishan	III / V	Smart Hybrid Vehicles	PCPC, Vallam	Presented
5	23.12.2021	S.Varadharajan T.Sripathi	II / III	Artificial Intelligence in Power Station	PCPC, Vallam	Presented
6	23.12.2021	M.Roshan Prithish	II / III	Artificial Intelligence in Power Station	PCPC, Vallam	Presented

Project Techno Expo 2022

Si. No.	Title of the Project	Student Name	Remarks
1	Auto temperature detector for entrance for COVID safety with IOT process	Chandru. R Deepan. S Dharmaraj. S Elanchezhiyan. M Naveenraj. D Sathyamurthy. J	I Prize
2	Low Voltage Protection & Control of Motor	Dhinakaran. S Dhinesh. R Joy Jeniston. R Maheshwaran. R Sujithkumar. J	Participated
3	Solar Based Traffic Light Controller	Hassan Khan. S Arulsakthi Vellan. B Manish Kiruthick Roshan. B Monishan. A Tamil Selvan. M V	Participated
4	Design and development of customized E vehicle for agriculture purpose	Samraj. S Karna. R Karnan. R Mugundan. A D Robin Raj. S Sundar. E	Participated
5	Sprinkler Irrigation by Robot Using Solar Energy	Sithharthan. R Abishek. V Parthiban. R Vignesh. M Vignesh. S	Participated

6	Intelligent System for Power Generation and Consumption	Smithkingslee. P Anand. C Hariharan. R Rakesh. B Romal Jebrin. P	Participated
7	Electric Vehicle Charging Method for Smart Homes / Buildings with a Photovoltaic System	Swaminathan. S Akash. M Dinesh. S Ezhilarasan. K Mukilan. M Sathiyapragash. V	Participated
8	Smart Vacuum Cleaner	Vetrivel. V Aravindhan. B Kishore. M Mathavan. S Nehru. K Vigneshwaran. V	Participated
9	Smart Dustbin	Vinish. K Ajithkumar. N Azhaheasan. A Hariharan. M Manoj. K Sabarivasan. A	Participated
10	Fabrication of Footstep Generator	Viswanathan. D Abimani. M Karthick. J Manoj. S Pragadeeshwaran. S Ezhildoss. K	Participated
11	Arduino based women safety security system	Yujin Karunakaran. D Devarasan. G Hariharan. P Kumaran. V Mohamed Riswan. M Sarshith Khan. R	Participated

Department Activities

EMDP

Si.No	Date	Year / Sem	Topic	Name and address of the Resource Person
1	20.10.2021	II/III	PCB Basic Circuit Design and Testing	Mr. K.Amirthaganesh Armada Industrial Automation Thanjavur
2	21.10.2021	III / V	PLC and SCADA	Mr. P.A. Kathirvel Crisp System India Pvt Ltd Trichy

3	19.04.2022	II/IV	Alternator Power loss calculation	Mr.K.Arunganesh Asst. Prof / EEE Periyar Maniammai Institute of Science and Technology Vallam
4	21.04.2022	III/VI	IOT based power drive control	Mr. P.A. Kathirvel Crisp System India Pvt Ltd Trichy
5	21.04.2022	II / IV III / VI	Personality Development	Mr. Vijay Mithra HRD & ELT Trainer REN Academy Balaji Nagar Thanjavur



Guest Lecture Programmes

Si. No	Date	Year / Sem.	Topic (Content Beyond Syllabus)	Resource Person
1	04.04.2022	III / VI	Recent trends and issues in Distribution System	Mr.K.Suresh AE/TNEB Kumbakonam
2	05.04.2022	II / IV	Automotive Start Up	Mr.K.Amirthaganesh Armada Industrial Automation Thanjavur

Industrial Visit

Si. No	Date	Year/ Sem.	Name of the Industry Visited
1	26.04.2022	III / VI	Bio Mass Power Plant Periyar Maniammai Institute of Science and Technology Vallam
2	26.04.2022	II / IV	Bio Mass Power Plant Periyar Maniammai Institute of Science and Technology, Vallam

E-Course attended

S. No.	Topic	Date & Time	Organizer	Name of the Student	Webinar / Swayam
1	Innovation and Startups (for Self Reliant India)	18.01.2022	Tamil Nadu State Council for Science and Technology, Chennai	S.Samraj	Webinar
2	Innovation and Startups (for Self Reliant India)	18.01.2022	Tamil Nadu State Council for Science and Technology, Chennai	J.Sathya murthy	Webinar

Employability Skill Course

Si. No	Date	Topic	Resource Person with Designation
1	28.09.2021	Interview Techniques & Resume Writing	Mr. Balaji, Director/Brain skills, Thanjavur.

Personality Development Programme

Si. No	Date	Topic	Resource Person with Designation
1	05.10.2021	Personality Development Programme	Mr. R. Ayyanathan, Manager.III

Placement

Si. No	Reg.No	Name	Name of the Company
1	1519001	Abishek V	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills
2	1519003	Ajithkumar N	Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills SK Enterprises
3	1519004	Akash M	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills
4	1519005	Anand C	Royal Enfield Academy for Technical Skills
5	1519008	Azhahesan A	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills
6	1519009	Devarasan G	Apollo Tyres, Chennai Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills
7	1519010	Dhinakaran S	Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills

			Sakthi Auto Component Ltd, Coimbatore SK Enterprises
8	1519011	Dhinesh R	Saint Gobain, Chennai Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills
9	1519012	Dinesh S	Apollo Tyres, Chennai Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills
10	1519014	Hariharan M	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills
11	1519015	Hariharan P	Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills
12	1519016	Hariharan R	Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills
13	1519017	Hassan Khan S	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills
14	1519018	Joy Jeniston R	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills Sakthi Auto Component Ltd, Coimbatore
15	1519019	Karna R	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills
16	1519020	Karnan R	Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills SK Enterprises
17	1519021	Karthick J	Royal Enfield Academy for Technical Skills
18	1519023	Kumaran V	Royal Enfield Academy for Technical Skills
19	1519024	Maheshwaran R	Apollo Tyres, Chennai Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills SK Enterprises
20	1519025	Manish Kiruthick Roshan B	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills
21	1519026	Manoj K	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills

22	1519027	Manoj S	Royal Enfield Academy for Technical Skills
23	1519029	Mohamed Riswan M	Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills
24	1519030	Monishan A	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills
25	1519031	Mugundan A D	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills Sakthi Auto Component Ltd, Coimbatore
26	1519033	Nehru K	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills
27	1519034	Parthiban R	Lucas TVS, Pondicherry Nokia Solutions, Chennai SK Enterprises
28	1519036	Pragadeeshwaran S	Apollo Tyres, Chennai Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills Sakthi Auto Component Ltd, Coimbatore
29	1519038	Rakesh B	Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills
30	1519040	Romal Jebrin P	Lucas TVS, Pondicherry Nokia Solutions, Chennai
31	1519041	Sabarivasan A	Lucas TVS, Pondicherry
32	1519042	Samraj S	Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills
33	1519043	Sarsith Khan R	Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills
34	1519046	Sittharthan R	Lucas TVS, Pondicherry Nokia Solutions, Chennai
35	1519047	Smithkingslee P	Apollo Tyres, Chennai Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills
36	1519048	Sujithkumar J	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills
37	1519049	Sundar E	Apollo Tyres, Chennai Lucas TVS, Pondicherry

			Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills
38	1519051	Swaminathan S	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills Sakthi Auto Component Ltd, Coimbatore
39	1519052	Tamil Selvan M V	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills
40	1519053	Vetrivel V	Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills
41	1519054	Vignesh M	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills
42	1519055	Vignesh S	Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills SK Enterprises
43	1519057	Vinish K	Apollo Tyres, Chennai Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills
44	1519058	Viswanathan D	Apollo Tyres, Chennai Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills Sakthi Auto Component Ltd, Coimbatore SK Enterprises
45	1519059	Yujin Karunakaran D	Apollo Tyres, Chennai Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills
46	2520060	Abimani. M	Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills
47	2520061	Chandru. R	Apollo Tyres, Chennai Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills SK Enterprises Saint Gobain, Chennai
48	2520062	Deepan. S	Lucas TVS, Pondicherry

			Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills SK Enterprises
49	2520063	Dharmaraj. S	Lucas TVS, Pondicherry Royal Enfield Academy for Technical Skills
50	2520064	Elanchezhiyan. M	Apollo Tyres, Chennai Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills
51	2520065	Naveenraj. D	Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills
52	2520066	Sathyamurthy. J	Saint Gobain, Chennai Apollo Tyres, Chennai Lucas TVS, Pondicherry Nokia Solutions, Chennai Royal Enfield Academy for Technical Skills Sakthi Auto Component Ltd, Coimbatore

Parent-Teachers Meeting

- ❖ Parent Teachers Meeting was conducted on 20.05.2022, 21.05.2022 for II- year and III-year Electrical and Electronics Engineering students.



- ❖ The feedbacks are collected from the parents were discussed & analysed.
- ❖ The student's report card is issued to their parents.

Extra Curricular Activities

Sports

Si.No	Name of the Students	Name of the Event	Venue / Date	Possession
1	R.Parthiban	Volley Ball	PCPC / 22.03.2022	Runner
2	S.Hariganesh	High Jump	PCPC / 25.03.2022	3 rd Place
3	S.Manoj	Shot Put	PCPC / 25.03.2022	1 st Place

Faculty Development Programme

Si. No	Name of the Faculty	Name of the Training Programme	Duration	Venue
1	Mr.G.Rajaraman HOD/EEE	Digital image processing & Practical Approach	24.05.2021 to 28.05.2021	Government College of Technology Coimbatore
2	Mr.M.Veeramani Lect/ EEE			
3	Mr.G.Rajaraman HOD/EEE	Challenges and Opportunities for electric vehicle adoption (ATAL)	19.07.2021 to 23.07.2021	Erode Sengunthar Engineering College Erode
4	Mr.M.Veeramani Lect/ EEE			
5	Mr.S.Dhanapal Lect/EEE	Electric Vehicles Technology and Policy	18.09.2021 to 25.09.2021	Government Polytechnic College Karur.
6	Ms.M.Vanaja Lect/EEE			
7	Mr.R.Ramanathan Lect/EEE	NBA Accreditation Process	27.09.2021 to 29.09.2021	NITTTR, Chennai
8	Ms.M.Vanaja Lect/EEE			
9	Mr.S.Dhanapal Lect/EEE	Emerging trends in internet of things	22.11.2021 to 26.11.2021	Government College of Technology Coimbatore
10	Mr.A.Rajkumar Lect/EEE			
11	Mr.A.Rajkumar Lect/EEE	Electric Vehicle Engineering	17.01.2022 to 21.01.2022	NITTTR, Chennai
12	Mr.S.Dhanapal Lect/EEE	Applications in PLC	07.02.2022 to 11.02.2022	NITTTR, Chennai
13	Mr.M.Veeramani Lect/EEE	Inculcating Universal Human Values in Technical Education	28.02.2022 to 04.03.2022	All India Council for Technical Education
14	Ms.M.Vanaja Lect/EEE	Inculcating Universal Human Values in Technical Education	04.04.2022 to 08.04.2022	All India Council for Technical Education

Autonomous Examination Results

April 2021 - IV Semester

Sl. No	Course	Registered	Appeared	Pass	Fail	% of Pass	Staff Name
1	Electrical Machines II	61	61	61	--	100.00	Ms.M.Vanaja
2	Measurements and Instruments	61	61	61	--	100.00	Mr.M.Veeramani
3	Digital Electronics	61	61	61	--	100.00	Mr.R.Ramanathan
4	Transducers and Signal Conditioners	61	61	61	--	100.00	Mr.G.Rajaraman
5	Electrical Machines and Instrumentation Practical	61	61	61	--	100.00	Ms.M.Vanaja
6	Integrated Circuits Practical	61	61	61	--	100.00	Mr.R.Ramanathan
7	Life and Employability Skill Practical	61	61	61	--	100.00	Ms.S.Uma
OVER ALL		61	61	61	--	100.00%	

April 2021 - VI Semester

Sl. No	Course	Registered	Appeared	Pass	Fail	% of Pass	Staff Name
1	Distribution & Utilization	63	63	63	--	100.00	Mr.G.Rajaraman
2	Operation and Maintenance of Electrical Equipment	63	63	63	--	100.00	Mr.M.Veeramani
3	Power Electronics	63	63	63	--	100.00	Ms.N.Kamala
4	Wiring and Winding Practical	63	63	63	--	100.00	Mr.G.Rajaraman Ms.M.Vanaja
5	Electrical Circuits Simulation Practical	63	63	63	--	100.00	Ms.M.Vanaja Mr.R.Ramanathan
6	Power Electronics Practical	63	63	63	--	100.00	Ms.N.Kamala
7	Project Work	63	63	63	--	100.00	All Staff Members
OVER ALL		63	63	63	--	100.00%	

October 2021 - III Semester

Sl. No	Course	Registered	Appeared	Pass	Fail	% of Pass	Staff Name
1	Electronic Devices and Circuits	45	45	45	--	100	Mr.S.Dhanapal
2	Electrical Circuit Theory	45	45	45	--	100	Mr.G.Rajaraman
3	Electrical Machines - I	45	45	45	--	100	Ms.M.Vanaja
4	Electrical Circuits and Machines Practical	45	45	45	--	100	Mr.S.Dhanapal
5	Electronic Devices and Circuits Practical	45	45	45	--	100	Mr.A.Rajkumar
6	Electrical WorkShop Practical	45	45	45	--	100	Mr.M.Veeramani Mr.R.Ramanathan
7	Wiring and Winding Practical	45	45	45	--	100	Mr.M.Veeramani
OVER ALL		45	45	45	--	100.00%	

October 2021 - V Semester

Sl. No	Course	Registered	Appeared	Pass	Fail	% of Pass	Staff Name
1	Generation Transmission and Switch gear	62	62	62	--	100	Mr.G.Rajaraman
2	Micro Controller	62	62	62	--	100	Mr.R.Ramanathan
3	Electrical Estimation and Energy Auditing	62	62	62	--	100	Mr.M.Veeramani
4	Control of Electrical Machines	62	62	62	--	100	Ms.M.Vanaja
5	Computer Aided Electrical Drawing Practical	62	61	61	--	100	Mr.A.Rajkumar
6	Micro Controller Practical	62	61	61	--	100	Mr.R.Ramanathan
7	Control of Electrical Machines Practical	62	62	62	--	100	Mr.S.Dhanapal Ms.M.vanaja
OVER ALL		62	61	61	--	98.38%	