

PERIYAR CENTENARY POLYTECHNIC COLLEGE
Periyar Nagar, Vallam -Thanjavur- 613 403
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
ACHIEVEMENTS AND ACTIVITIES REPORT
2023- 2024

AWARDS & PRIZES

❖ **Best Student Award**

Selvan S.S. Ranjith III year Electronics and Communication Engineering received the **Best student award** for the year 2023-2024.

❖ **Best NCC Student Award**

Selvan N. Surendarn III year Electronics and Communication Engineering received the **Best NCC student award** for the year 2023-2024.

❖ **AICTE-Pragathi Scholarship**

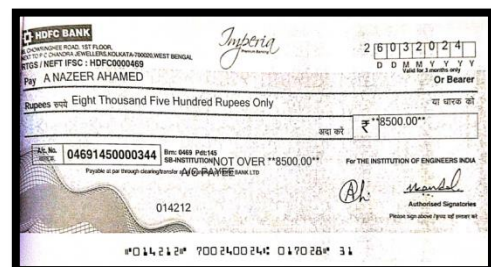
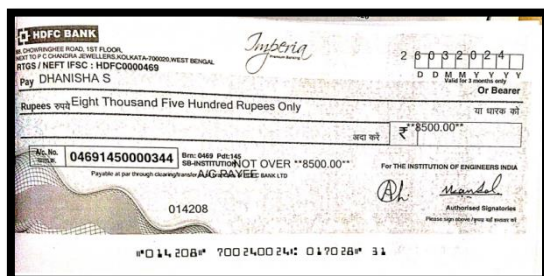
The following ECE student has received AICTE-Pragathi scholarship.

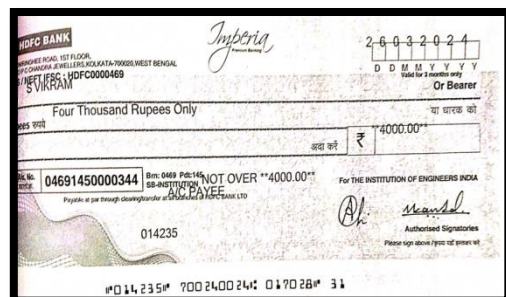
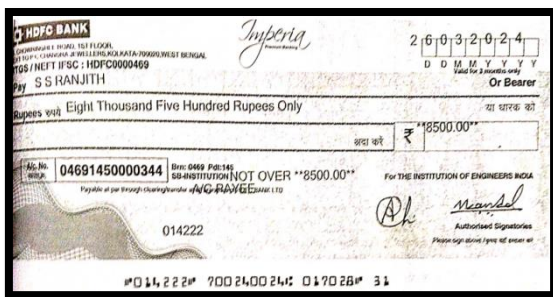
S.NO	NAME OF THE STUDENT	YEAR OF STUDY	AMOUNT OF SCHOLARSHIP PER YEAR
1.	S. Dhanisha	II year	Rs. 50000/-

❖ **IE(I) Scholarship**

4 Nos of ECE students have been selected for IE(I) scholarship for the year 2022-2023

S.NO	NAME OF THE STUDENT	YEAR OF STUDY	AMOUNT OF SCHOLARSHIP
1.	S. Dhanisha	II year	Rs. 8500/-
2.	A.NazeerAhamed	II year	Rs. 8500/-
3.	S.S.Ranjith	III Year	Rs.8500/-
4.	S.Vikram	III Year	Rs.4000/-





❖ Best Project Award

Best Project Award for the year 2023-2024 - S.A. Saransingh, S.S.Ranjith, S.Subash, K.Veeraragavan - III Year Electronics and Communication Engineering in the Project title “Smart City Traffic Management System for Ambulance using IoT” - Guide Ms.G.Ranjitha, Periyar Techno Expo held on 12.01.2024 at our Polytechnic College.



❖ World Book Day celebration

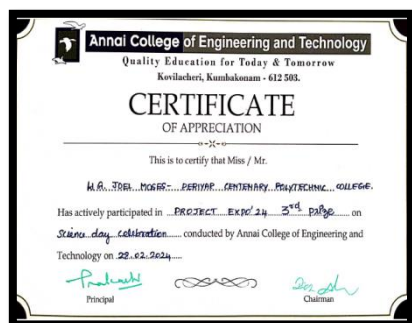
Students, staff members, parents and other stakeholders donated 1000 books to our institution on 21-04-2024 in view of world book day celebration.



Students, staff members, parents and other stakeholders donated 1000 books to our institution on 21-04-2024 in view of world book day celebration.

❖ Prizes Awarded in Other Colleges

S.No	Name of the Student	Name of the Event	Venue / Date	Possession
1.	J.Harish R.Harish	Project Expo	28.02.2024 Annai College of Engineering Kumbakonam	I st Prize Cash Award Rs. 1500/-
2.	A. NazeerAhamed J.Syed Ibrahim			II nd Prize Cash Award Rs. 1000/-
3.	W.G.Joel Moses K.Ajay			I st Prize Cash Award Rs. 500/-
4.	S.S.Ranjith P.Kathiravan	Paper Presentation	01.03.2024 KSK Engineering College, Dharasuram	III rd Prize Cash Award Rs. 500/-
5.	A. NazeerAhamed R.Harish	Technical Quiz		I st Prize Cash Award Rs. 500/-
6.	S.S.Ranjith P.Kathiravan	Technical Quiz		III rd Prize Cash Award Rs. 300/-
7.	A. NazeerAhamed R.Harish	Non Technical Quiz		I st Prize Cash Award Rs. 500/-



❖ ISTE Best Polytechnic Teacher Award

Ms, G,Roja, Lect/ECE received ISTE Best Polytechnic Teacher Award for 2023 in the 26th ISTE Annual faculty convention Tamil Nadu Section on 04.05.2024 at KSR Polytechnic College, Thiruchengode



Appreciation Award for outstanding performance in Institutional Development is received by Ms. G.Roja,LECT/ECE.



❖ Periyar techno expo-2024 under IE(I) & ISTE - (12.01.2024)

S.No	Reg No	Name of the student	Project Title	Name of the Guide
1.	1420007 1421002 1421006 1421007 2422022	Dhiyaneswaran J Abishek.Y Ganesh Pandian. P Jawahar.T Kavika. M	Smart Door Receptionist with Smart Lock System	Dr.A.Hemalatha
2.	1421005 1421015 1421017 1421018 2422021	Anbu. M Sivasakthi. T Vignesh. G Vikarm. S Kathiravan. P	Vehicle Theft Detection with Remote Engine Locking	Ms.G.Roja
3.	1421008 1421009 1421014 1421016 1421019	Mohamed Irshath. M Mohamed Sameer. S ShiekSawfan. M Surendar. M Yusuf Arafath. M	Solar Based Monitoring System	Mr.M.Ramesh
4.	1421012 2422024 2422025 2422026	Saran Singh. S A Ranjith. S S Subash. S Veeraragavan. K	Smart City Traffic Management System for Ambulance using IoT	Ms.G.Ranjitha

❖ **Periyar Techno Meet 2024 State Level Paper Presentation under IE(I) & ISTE**

The following students of Electronics and Communication Engineering presented papers at Periyar Techno Meet – 2024 held on 05.09.2024 at our Polytechnic College.

S.No	Date	Name of the Students	Year / Sem.	Topic	Venue	Prize / Presented
1.	05.09.2024	Nazeer Ahamed A Syed Ibrahim J	III/V	Artificial Intelligence	PCPC,Vallam	Prize Cash Award Rs. 1500/-
2.		Joel Moses W G		Green Electronics		Presented
3.		Dhanish S				
4.		Hariprasath N Aravind S	II/III	Artificial Intelligence		



❖ **GUEST LECTURE**

Sl. No	Topic(Content Beyond the Syllabus)	Date	Resource person
1	3D Printing Technology	21.12.2023	Mr. S.M. Sethupathy LOGICZEN Opp to Meenatchi Hospital Thanjavur – 613 007
2	Genetic Engineering	22.12.2023	Mr. S.Saravanan Technical Head., KALCHI CONTROLS D-43 8 th cross west

			Thillainagar Trichy – 620018
3	Big Data	27.06.2024	Mr. S.M. Sethupathy LOGICZEN Career Development Center Opp to Meenatchi Hospital Thanjavur – 613 007
4	Human Robot Interaction	28.06.2024	Mr. S.Saravanan Technical Head., KALCHI CONTROLS D-43 8 th cross west Thillainagar Trichy – 620018



❖ EMDP PROGRAM

Technical EMDP

S.No	Date	Year / Sem	Topic	Name and address of the Resource Person	No of Students benefited
1	03.01.2024	II/III	Software Defined vehicles	Mr. K.Amirdhaganesh ARMADA Industrial Automation No.17/595 , 1 st Floor, Mannar Nagar, Thanjavur	25
2	04.01.2024	III/V	Metaverse.	Mr.S.MohammedGhouse KALCHI CONTROLS D-43 8 th cross west Thillainagar Trichy – 620018	19
3	24.07.2024	II/III	PCB design for simple Home appliances.	Mr. K.Amirdhaganesh ARMADA Industrial Automation No.17/595 , 1 st Floor, Mannar Nagar, Thanjavur	18
4	25.07.2024	III/V	Inter Vehicle Communication	Mr. K. Manojdev MYIT 1658, South Main Street Near City Union Bank Thanjavur	25



❖ General EMDP

S.No	Date	Year / Sem	Topic	Name and address of the Resource Person	No of Students benefited
1	03.01.2024	II/IV	Software Defined vehicles	Mr. K.Amirdhaganesh ARMADA Industrial Automation No.17/595 , 1 st Floor, Mannar Nagar, Thanjavur	25
2	04.01.2024	III/VI	Metaverse.	Mr.S.MohammedGhouse KALCHI CONTROLS D-43 8 th cross west Thillainagar Trichy – 620018	19
3	04.07.2024	II/III	Wearable Electronics	Mr. P.Rajesh LOGICZEN Career Development Center Opp to Meenatchi Hospital Thanjavur – 613 007	18
4	05.07.2024	III/V	Smart Memories	Mr. G.Prabhu Project Developer Prasar Tech Solutions Pvt Ltd Selvam Nagar , Medical College Rd, Thanjvur- 613007.	25



❖ INDUSTRIAL VISITS

S.No	Date	Year/Sem	Name of the Industry Visited	Content Beyond Syllabus	No. of Beneficiaries
1	30.01.2024	II & III	PeriyarManiammai Institute of Science and Technology (PMIST) –FM Broadcasting.	FM Broadcasting.	25
2	31.01.2024	III/V	PeriyarManiammai Institute of Science and Technology (PMIST) –Tejas Networking Lab.	Recent trends in Networking	19
3.	31.07.2024	II/III	PeriyarManiammai Institute of Science and Technology (PMIST)- Robotics Laboratory	Robotics-Basic	18
4.	01.08.2024	III/V	PeriyarManiammai Institute of Science and Technology (PMIST)-Optical Network Lab	Optical Network	25



❖ Industry Supported Course Work

S.No	Name of the Course	Name of the industry	Date	No. of Students Benefited
1.	Electronic Devices and Circuits	Mr. S.M.Sethupathy Logiczen Career Development Centre No.23, Kalanjiam Garden 3 rd Floor, Near Meenakshi Hospital, New bus stand, Thanjavur-613 005	09.09.2024	18
2.	Electronic Devices and Circuits Lab		- 12.09.2024	
3.	Microcontroller and its applications	Dr.S.Dhanasekaran Barathi Enterprises Plot No. 69, 3 rd Main Road Vijaya Nagar, Velachery Chennai-600 042	09.09.2024	25
4.	Microcontroller Practical		- 12.09.2024	



❖ Parent-Teachers Meeting

Parent Teachers Meeting was conducted on 12.01.2024 and 27.07.2024 for II- year and III-year Electronics and Communication Engineering students.

- ❖ The feedback forms were collected from the parents were discussed & analysed.



TN GOVERNMENT-DOTE NAN MUDHALVAN SCHEME

S.No	Year/Sem	Name of the Course	Duration
1.	III/V	PCB Design	JULY 24-SEP 24
2.	II/IV	Employability Skill program	AUG 24-OCT 24



❖ Placement – 2023 – 2024

S.NO	REG NUMBER	NAME	NAME OF THE COMPANIES
1	1421005	ANBU M	➤ NOKIA SOLUTIONS , CHENNAI
2	1421006	GANESH PANDIAN P	➤ NOKIA SOLUTIONS , CHENNAI ➤ LUCAS TVS, PONDICHERRY ➤ TI METAL FORMING, CHENNAI
3	1421008	MOHAMED IRSHATH M	➤ NOKIA SOLUTIONS , CHENNAI
4	1421009	MOHAMED SAMEER S	➤ NOKIA SOLUTIONS , CHENNAI ➤ ROYAL ENFIELD, CHENNAI
5	1421012	SARAN SINGH S A	➤ LUCAS TVS, PONDICHERRY
6	1421016	SURENDAR M	➤ LUCAS TVS, PONDICHERRY ➤ TVS MOTOR COMPANY, HOSUR
7	1421017	VIGNESH .G	➤ LUCAS TVS, PONDICHERRY ➤ ROYAL ENFIELD, CHENNAI
8	1421018	VIKRAM S	➤ NOKIA SOLUTIONS , CHENNAI ➤ TVS MOTOR COMPANY, HOSUR ➤ DAIKIN AIRCONDITIONING INDIA Pvt., Ltd.
9	1421019	YUSUF ARAFATH M	➤ ROYAL ENFIELD, CHENNAI
10	2422021	KATHIRAVAN P	➤ LUCAS TVS, PONDICHERRY ➤ TVS MOTOR COMPANY, HOSUR
11	2422024	RANJITH S S	➤ LUCAS TVS, PONDICHERRY
12	2422026	VEERARAGAVAN K	➤ NOKIA SOLUTIONS , CHENNAI ➤ TVS MOTOR COMPANY, HOSUR ➤ DAIKIN AIRCONDITIONING INDIA Pvt., Ltd.



❖ **In-Plant Training – 2023 – 2024**

Sl. No	Reg.No	Name	Name of the Company
1	1422007	HARISH J	Logiczen Career Development Centre, Thanjavur 613 005
2	1422010	JOEL MOSES WG	
3	1422014	KUMARAN S	
4	1422016	NAZEER AHAMED A	
5	1422028	SYED IBRAHIM J	
6	1422001	AJAY K	
7	1422003	DHANISHA S	
8	1422015	NAVEEN KUMAR S	
9	1422021	RATHISH VIKATSON A	
10	1422026	SIVAKUMAR M	
11	1420010	JAYARAMAN A	Prasartech Projects And Solutions,Thanjavur-613 007
12	1421010	PRITHIVI N	
13	1422004	DHANUSH H	
14	1422009	JAYA SURYA P	
15	1422022	SAFEEQ MOHAMED S	
16	2423035	RAJADURAI. V	
17	1422005	DHARANESHWARAN P	Armada Industrial Automation,Thanjavur 613 007
18	1422008	HARISH R	
19	1422011	KALKI THARSHAN A	
20	1422018	PRAGATHEESH BHARATHI S	
21	1422020	RATHIKRAJA P	
22	1422023	SANTHOSH G	
23	1422027	SURENTHAR D	
24	1422030	VIGNESH S	
25	2423033	BALAKRISHNAN. A	

❖ **Extra Curricular Activities**

❖ Sports Activities

S.No	Name of the Students	Name of the Event	Venue / Date	Possession

❖ Inter Polytechnic Colleges

S.No	Name of the Students	Name of the Event	Venue / Date	Possession
1	K.Ajay	Throw ball	Dr.Kalam Polytechnic College	1st prize
2	Sivakumar s	Kabadi	Dr.Kalam Polytechnic College	3rd prize

❖ NCC Activities

Our NCC students attend the camp for the following days.

Sl.No.	Date	Activity	Place
1	01.08.2023 to 15.08.2023	RDC SELECTION CAMP	RAJA SERFOJI COLLEGE, THANJAVUR.
2	21.11.2023 To 30.11.2023	ATC CAMP	PMIST, THANJAVUR.
3	15.12.2023 To 22.12.2023	BELAGAVI TREK - 2023 CAMP	BELAGAVI, KARNATAKA
4	20.12.2023 To 29.12.2023	CATC CAMP	PERAMBALLUR.
5	22.12.2023 To 30.12.2023	CATC CAMP	PMIST, THANJAVUR.
6	23.12.2023 To 03.01.2024	EBSB - II CAMP	UDAIPUR.
7	27.12.2023 To 07.01.2024	ARMD ATTACHMENT CAMP	SECUNDERABAD.

❖ Tree Plantation

Our final year students donated 21 plants to our college.



❖ Women's Day Celebration



Women's Day Celebrated on 08.03.2024

❖ International Yoga Day Celebration

Yoga Day Celebrated on 21.06.2024

YOGA Day Celebration



❖ Periyar Birthday Day Celebration

S.no	Name of the student	Year/Sem	Name of the event	Prize awarded
1	S.Dhanisha	III/V	Speech Competition	I st Prize
2.			Poetry Competition	I st Prize
3.	W.G. Joel Moses		Drawing Competition	II nd Prize
4.			Craft Competition	III nd Prize
5.	A. NazeerAhammed		Poetry Competition	II nd Prize
6.	N.Hariprasath	II/III	Drawing Competition	I st Prize
7.			Essay Competition	I st Prize





❖ TAMIL PUDHALVAN

The following ECE students are eligible to get the Tamil Pudhalvan Scholarship of Rs.1000/- per month.

S.no	Year/Sem	Name of the student
1.	III/V	P.Dharaneshwaran
2.		J.Harish
3		P.Rathikraja
4		A.Balakrishnan
5.	II/III	R.Dhivya
6		G. Mukeshkumar
7		R.Tharunbalaji
8		M.Abinaya
9		E.Androse

❖ FACULTY DEVELOPMENT PROGRAM

The following ECE Faculty members have attended the following programmes conducted by the various institutions.

S.No	Date	Name of the Faculty	Title of the Programme	Organised By
1.	06.02.2024 to 10.02.2024	Ms. G.Roja, Lect/ECE	NaanMudhalvan Employability Skills Programmes	Government Polytechnic College, Trichy.

2.	19.02.2024& 23.02.2024	Ms. G.Roja, Lect/ECE	The Smart and Sustainable Manufacturing: The New Era of Manufacturing	Government College of Technology, Coimbatore
3.	11.03.2024	Ms. G.Roja, Lect/ECE	Cyber security and Ethical Hacking Awareness Workshop	St.Joseph's Institute of Technology, Chennai
4.	18.03.2024& 22.03.2024	Ms. G.Roja, Lect/ECE	ICT Tools Researchers and Teachers	Government College of Technology, Coimbatore
5.	13.05.2024& 17.05.2024	Ms. G.Roja, Lect/ECE	"Next Generation Wireless Communication Technologies"	Government College of Technology, Coimbatore
6.	20.05.2024& 24.05.2024	Mr. M.Ramesh Lect/ECE	Incorporating Block Chain and Generative	Government College of Technology, Coimbatore
		Ms. G.Ranjitha, Lect/ECE	AI for Applications in Real Time Environments	



IE (I) Tamil Nadu State Center – All India Seminar

The following ECE Faculty members are participated and presented the paper .

S.No	Date	Name of the Faculty	Title of the paper	Venue
1.	23.02.2024&	Dr. A.Hemalatha HOD/ECE	Technological Interventions for Flood Forecasting and early warning system	Sona College of Technology Salem
2.	24.02.2024	Ms. G.Roja, Lect/ECE		



❖ ISO AWARENESS CLASS

Our faculties attend ISO Awareness Programme on 16.03.2024 at our college

Sl.No	Name	Title	DATE	PLACE	RESOURCE PERSON
1	Dr. A.Hemalatha HOD/ECE	An overview of ISO 21001:2018 standard requirements	15.03.2024	AV HALL, PCPC, VALLAM	Dr.D.Umamaheswari Professor Dept of Commerce PMIST, Vallam
2.	Ms.G.Roja Lect/ECE				
3.	Mr.M.Ramesh Lect/ECE				
4.	Ms.G.Ranjitha Lect/ECE				
5.	Ms.K.Jeeva SA/ECE				



❖ **RESULT****APRIL – 2024****IV SEMESTER**

S. No.	Name of the Course	Appeared	Passed	% of Pass	Staff
1	Industrial Electronics	25	21	84	Ms. G.Ranjitha
2	Communication Engineering	25	19	76	Ms. G.Roja
3	Analog and Digital Electronics	25	18	72	Ms. M.Praveena
4	E-Vehicle Technology & Policy	25	18	72	Mr. M.Ramesh
5	Industrial Electronics Practical	24	24	100	Ms. G.Ranjitha
6	Communication Engineering Practical	25	25	100	Ms. G.Roja
7	Analog and Digital Electronics Practical	24	24	100	Ms. G.Roja

VI SEMESTER

S. No.	Name of the Course	Appeared	Passed	% of Pass	Staff
1	Computer Hardware Servicing and Networking	19	16	84.21	Ms. G.Ranjitha
2	Biomedical Instrumentation	19	17	89.47	Dr. A.Hemalatha
3	Embedded Systems	19	16	84.21	Mr. M.Ramesh
4	Computer Hardware Servicing and Networking Practical	19	19	100	Ms. G.Ranjitha
5	Embedded Systems Practical	19	19	100	Mr. M.Ramesh
6	Project Work and Internship	19	19	100	All Staff Members

**PERIYAR CENTENARY POLYTECHNIC
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**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

**ACHIEVEMENTS
JAN-2024 – DEC-2024**