

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

2025- 2026

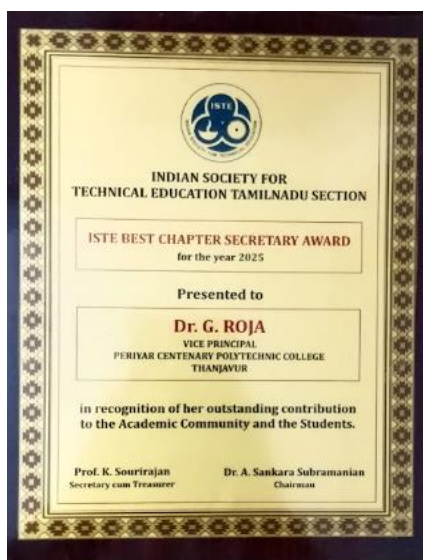
AWARDS & ACHIEVEMENTS

- The Institution received prestigious ISTE Awards for the Academic Year 2025–2026 in the categories of the Best Chapter, Best Chairman, Best Teacher, Best Secretary, and Best Paper Award. The awards were presented at Adhiyaman Engineering College, Hosur on 10 April 2026, recognizing excellence in institutional performance, academic leadership, and scholarly contributions.



Best ISTE Chairman Award 2026

Best ISTE Teacher Award 2026



Best ISTE Secretary Award 2026



Best ISTE Chapter Award 2026



ISTE Best Paper Award 2026



ISTE Best Paper Award 2026

- Faculty and student achievements reflect the department's commitment to academic excellence, with Dr. G. Roja achieving a 100% result, Hari Prasath N receiving the Best Outgoing Student Award, and Tharun Balaji R receiving the Best Library User Award.



100% result award for academic excellence



Hari Prasath N - Best Student Award Tharun Balaji R - Best Library User Award

❖ **Periyar Techno Expo 2026 Project Presentation**

The following students of Electronics and Communication Engineering secured Prize Winner recognition at the Project Expo held on 11.01.2026 for presenting the project titled “Embedded-Based Pest Detection and Prevention System” under the guidance of Dr. G. Roja, HoD/ECE and participated as well.

S.No	Reg. No.	Name of the Students	Project Title	Prize	Name Of The Guide
1	1423003 1423005 1423011 2424021	ARAVIND S DIVYA R MUKESH KUMAR G ABINAYA M	Embedded based Pest Detection and Prevention System.	I	Dr.G.Roja
2	1423004 1423007 2424022 1422025	BALAMURUGAN R S HARI PRASATH N ANDROSE E SHYAM R	IOT Based Structural Integrity Monitoring.	Participated	Ms.G.Nageswari
3	1423001 1423008 1423016 1423019	ABDUL BASHITH J MAADESH K THARUN BALAJI R VIMALESHRAJA S	AI- Powered Urban Parking Optimization.	Participated	Mr.Arun Muthu Ram M
4	1423010 1423014 1423015 1423018	MUKESH R SUBAKARAN S TEEJESH S VIGNESHWARAN R	Embedded Based Advanced Military Spying & Bomb Disposal Robot.	Participated	Ms.R.Ramya



Periyar Techno Expo 2026 - Project Presentation

❖ PONGAL VIZHA

The PongalVizha celebrated in our college on 12.02.2026



PONGAL VIZHA -12.01.2026

❖ Prizes Won- Other Institution

The following students of Electronics and Communication Engineering presented papers/projects, participated in hackathon competitions and won prizes at other colleges.

S.No	Date	Name of the Students	Year / Sem.	Topic	Venue	Prize / Presented
1	04.01.2026	S. Aravind, R Tharun Balaji	III / VI	Electrofix Program	Nachimuthu Polytechnic College, Pollachi	II Prize
2	30.01.2026	N. Hariprasath, S. Aravind	III / VI	Paper Presentation	RVS Polytechnic College, Coimbatore	III Prize

3	07.03.2026	N. Hariprasath, S. Teejesh	III / VI	Project Presentation	13th ISTE Annual Polytechnic Students Convention, Sankar Polytechnic, Tirunelveli	I Prize
4	12.03.2026	N. Hariprasath, R. Shyam	III / VI	Next Gen Tech Fair Hackathon	PMIST, Vallam, Thanjavur	III Prize



Prizes Won- Other Institution

INTERNSHIP

As a part of industry-oriented learning and skill enhancement initiatives, the III Year Electronics and Communication Engineering students are undergoing internship training in reputed industry to gain practical exposure, strengthen technical competencies, and bridge the gap between academic learning and industrial practices.

Sl. No	No. of Students	Company Name	Address
1	16 (III Year ECE)	Infac India Pvt. Ltd.	No.113, Ellaiamman Koil Street, Keel Padappai, Padappai Village, Kundrathur Taluk, Kanchipuram District – 601301, Tamil Nadu, India

Periyar Foundation for Pre-Incubation

The Periyar Foundation for Pre-Incubation is a formalized incubator established in late 2025 by the Periyar Technology Business Incubator and StartupTN at the Periyar Centenary Polytechnic College campus in Vallam, Tamil Nadu. It functions to support aspiring young founders and students with their early-stage startup ideas.

❖ Paper Presentation

S.No	Date	Name of the Students	Year	Topic	Venue	Prize / Presented
1	04.01.2026	N Hari Prasath, R. Shyam	III	Paper Presentation	Nachimuthu Polytechnic College, Pollachi	Presented
2	07.01.2026	All Students	II/III	Flight of 100 Dreams	PMIST, Thanjavur	Participated
3	31.01.2026	Tharun Balaji R, R. Shyam	III	Paper Presentation	RVS Polytechnic College, Coimbatore	Presented
4	17.02.2026	Hari Prasath N, Aravindh S.	III	Paper Presentation	PMIST, Thanjavur	Presented
5	27.02.2026	Hari Prasath N	III	Project Presentation	PMIST, Thanjavur	Presented
6	28.02.2026	R. Divya	III	National Science Day – Project Expo	PMIST, Thanjavur	Participated
7	07.03.2026	R Surya, N Suresh, N Hari Prasath, S Teejesh, S Tarun Balaji, R. Shyam	II/III	Project Presentation	Sankar Polytechnic College, Tirunelveli	Presented



Students actively participate in external institutional events to gain broader academic and professional exposure.

Content beyond the Syllabus

Programmes conducted for content beyond the syllabus for the year 2025 – 2026

❖ GUEST LECTURE PROGRAMS

Sl. No	Topic(Content Beyond the Syllabus)	Date	Resource person
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1	IOT & Smart Device	23.12.2025	Mr. S.M. Sethupathy LOGICZENcAREER Development Centre, Opp to Meenatchi Hospital Thanjavur – 613 007
2	Modern Consumer Electronics	24.12.2025	Mr. S.A Saravanan Technical Head., KALCHI CONTROLS D-43 8 th cross west ,Thillainagar Trichy – 620018



GUEST LECTURE PROGRAMS

❖ EMDP PROGRAM

Technical EMDP

S.No	Date	Year / Sem	Topic	Name and address of the Resource Person	No of Students benefited
1	12.12.2025	II /IV & III/VI	Robotics and Automations	Dr.Kennithraj Anbu, Managing Director, AI &Robotics Specialist Chennai	37



Technical EMDP

❖ General EMDP

S.No	Date	Year / Sem	Topic	Name and Address of the Resource Person	No. of Students Benefited
1	26.01.2026	II / IV & III / VI	Ideation and Generation	Dr. A. P. Aruna, Chief Executive Officer, Periyar TBI, Periyar Maniammai Institute of Science and Technology (PMIST), Vallam – 613403	37
2	12.06.2026	II / IV & III / VI	Founders Talk	Sabarinas Elangovan, Managing Director, Mudfield Farms	100
3	19.06.2026	II / IV & III / VI	Build and Beyond	G. Rajaganesan, Chief Technology Officer, Vatio Pvt. Ltd.	100



General EMDP programs



General EMDP programs

❖ **INDUSTRIAL VISITS**

S.No	Date	Year/ Sem	Name of the Industry Visited	Content Beyond Syllabus	No. of Beneficiaries
1.	08.01.2026	II /IV	Periyar Maniammai Institute of Science and Technology (PMIST) – Computer Lab	Security in C Programming	16
2.	09.01.2026	III/VI	Periyar Maniammai Institute of Science and Technology (PMIST) – Virtual Lab.	Virtual Instrumentation Lab	16

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 - 12.09.2024	18
2.	Electronic Devices and Circuits Lab			
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 - 12.09.2024	25



Industry Supported Course Work - Activities

❖ **TN GOVERNMENT-DOTE NAN MUDHALVAN SCHEME**

S.No	Year/Sem	Name of the Course	Duration	In Association with
1.	II/III	IoT and Sensor Integration	JAN 26-MAR 26	InGage Technologies Pvt Ltd, Software Company, Perungudi,Chennai



Tn Government-Dote Nan Mudhalvan Scheme Activities

❖ **TN GOVERNMENT-DOTE NAN MUDHALVAN SCHEME - FACULTY**

S.No	Name of the Faculty	Name of the Course	Duration	In Association with
1.	Dr. G Roja	PCB Design	27.01.26-31.01-26	ICT Academy
2.	Mr. Arun Muthu Ram M	PCB Design	27.01.26-31.01-26	ICT Academy
3.	Ms. G Nageswari	PCB Design	27.01.26-31.01-26	ICT Academy
4.	Mr. Arun Muthu Ram M	Semiconductor Fabrication, Layout and Design	02.03.26 - 06.03.26	ICT Academy



Tn Government-Dote Nan Mudhalvan Scheme Activities

Placement – 2024 – 2025

S.No.	Date	Name of the Industry	On/Off campus	No. of students selected
1	26.02.2026	L&T, Chennai	OFF	2
2	26.02.2026	FoxConn, Chennai	OFF	1

Rest 13 students have joined higher studies to pursue Bachelors in Engineering.

❖ Parent-Teachers Meeting

Parent Teachers Meeting was conducted on 27.02.2026 for II- year and III-year Electronics and Communication Engineering students.

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



Extra Curricular Activities

❖ Sports Activities

S.No	Date	Name of the Students	Name of the Event	Venue / Date	Prize
1	23.09.2025	Aravind M	Throw Ball	PCPC	I Prize
2	23.09.2025	Aravind M	Volley Ball	PCPC	II Prize
3	12.01.2026	Aravind M	Kabadi	PCPC	I Prize
4	12.01.2026	Aravind M	Volley Ball	PCPC	II Prize

5	12.01.2026	Aravind M	Throw Ball	PCPC	I Prize
6	12.01.2026	Anbu Selvan S	Football	PCPC	III Prize
7	12.01.2026	Anbu Selvan S	VolleyBall	PCPC	III Prize
8	12.01.2026	Anbu Selvan S	Throw Ball	PCPC	III Prize
9	18.01.2026	Aravind M	Running	PCPC	III Prize

❖ **Inter Polytechnic Colleges**

S.No	Date	Name of the Students	Name of the Event	Venue / Date	Position
1	14.09.2025 & 15.09.2025	R. Divya	Volley Ball	Subramaniam Polytechnic College, Pudukottai	I Prize
2	14.09.2025 & 15.09.2025	R. Divya	Kho Kho	Subramaniam Polytechnic College, Pudukottai	I Prize
3	14.09.2025 & 15.09.2025	R. Divya	Kabadi	Subramaniam Polytechnic College, Pudukottai	I Prize
4	14.09.2025 & 15.09.2025	M. Abinaya	Ring Ball	Subramaniam Polytechnic College, Pudukottai	I Prize
5	14.09.2025 & 15.09.2025	M. Abinaya	Kho Kho	Subramaniam Polytechnic College, Pudukottai	I Prize
6	14.09.2025 & 15.09.2025	M. Abinaya	Kabadi	Subramaniam Polytechnic College, Pudukottai	I Prize
7	13.02.2026	Divya, Abinaya	District Level Sports	Kongunadu Polytechnic College, Trichy	Participated
8	14.02.2026	Divya, Abinaya	District Level Sports	Subramaniam Polytechnic College, Pudukkottai	Participated
9	19.02.2026	Divya, Abinaya	Sports	Kongunadu Polytechnic College, Trichy	Participated

The students of Electronics and Communication Engineering participated in district-level sports events conducted by various institutions, demonstrating sportsmanship, discipline, and overall personality development.



Inter Polytechnic Colleges - Sports

❖ NCC Activities

Our NCC students attend the camp for the following days.

Sl.No.	Date	Year/Sem	Name of the Student	Activity	Place
1	06.09.20 25 to 15.09.20 25	II/III	1. K.Kowsalya 2. C.Abirami	CATC CUM GP RDC – I camp	St.Antony MHS School, Thuvarankurichi

❖ International Yoga Day Celebration

Yoga Day was celebrated on 21.06.2026



❖ ANTI DRUG AWARENESS PROGRAMME



Our students are participated Anti Drug rally programme on 12.06.2026

Anti Drug Pledge on 12.06.2026

❖ TAMIL NADU SKILL COMPETITION

LEVEL - I

Sl.No.	Date	Year/Sem	Name Of The Student	Topic	Place	Venue
1.	08.11.2025	III/V	N.Hariprasath	Optoelectronic Technology	Pass	Alwin Higher Secondary School, Thanjavur
2.			R. Tharun Balaji	Electronics	Participated	
3.			S.Aravind	Electronics	Participated	
4.		II/III	R.Suriya	Electronics	Participated	
5.		II/III	P.Suresh	Electronics	Participated	

LEVEL - II

Sl.No.	Date	Year/Sem	Name Of The Student	Topic	Place	Venue
1.	18.12.2025	III/VI	N.Hariprasath	Optoelectronic Technology	Pass	Online

LEVEL - III

SL.NO.	DATE	Year/Sem	NAME OF THE STUDENT	TOPIC	PLACE	VENUE
1.	23.12.2025 TO 25.12.2025	III/V	N.Hariprasath	Optoelectronic Technology	Participated	Government Tool Room Training Centre (GTTC) Majestic, Bangalore

❖ TAMIL NADU PRICELESS LAPTOP ISSUANCE

Laptop distribution was carried out for II and III Year students to support academic activities, enhance digital learning opportunities, and strengthen technology-enabled education on 13.01.26 and 11.02.26 respectively.



TAMIL NADU PRICELESS LAPTOP ISSUANCE

ITEM NO: 8 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	27.10.2025 to 31.10.2025	Ms. R.Ramya Lect/ECE	Cloud Practitioner (AWS)	PMIST,Vallam
2	27.01.26-31.01-26	Dr. G Roja	PCB Design	ICT Academy
3.	27.01.26-31.01-26	Mr. Arun Muthu Ram M	PCB Design	ICT Academy
4	27.01.26-31.01-26	Ms. G Nageswari	PCB Design	ICT Academy
5.	02.03.26 - 06.03.26	Mr. Arun Muthu Ram M	Semiconductor Fabrication, Layout and Design	ICT Academy
6	23.03.2026 - 27.03.2026	Mr. Arun Muthu Ram M	Hands-on training on design and development of Humanoid Robots	Faculty Development Training Centre, GCT, Coimbatore



❖ RESULTS

OCTOBER – 2025

III SEMESTER

Sl. No	Course	End Exam	Registered	Appeared	Pass	Fail	% of Pass	Faculty Name
1	Electronic Devices and Circuits	Theory	20	18	12	6	66.66	Ms. G.Ranjitha
2	Digital Electronics	Theory	20	18	16	2	88.88	Ms. R.Ramya
3	Electronic Devices and Circuits Practical	Practical	20	18	18	--	100	Ms. G.Ranjitha
4	Digital Electronics Practical	Practical	20	18	18	--	100	Ms. R.Ramya
5	Linear Integrated Circuits Practicum	Practical	20	18	18	--	100	Dr.G.Roja
6	Electrical Circuits and Machines Practicum	Practical	20	18	18	--	100	Ms. T.Suganya

V SEMESTER

Sl. No	Course	End Exam	Registered	Appeared	Pass	Fail	% Of Pass	Faculty Name
1	Advanced Communication Systems	Practical	17	15	15	--	100	Ms. G.Ranjitha
2	Mobile Communication	Practical	17	16	16	--	100	Mr. M.Ramesh
3	Medical Instrumentation	Theory	17	16	16	--	100	Dr.G.Roja
4	Embedded Systems	Practical	17	16	16	--	100	Mr. M.Ramesh
5	Computer Hardware Servicing	Practical	17	16	16	--	100	Ms.R.Ramya
6	Innovation and Start-Up	Practical	17	16	16	--	100	Mr.M.Ramesh
7	Industrial Training	Practical	17	15	15	--	100	Mr. M.Ramesh

IV SEMESTER

Sl. No	Course	Registered	Appeared	Pass	Fail	% Of Pass	Faculty Name
1	Microcontroller (Theory)	16	16	16	--	100	Mr. M.Arun Muthu Ram
2	Data Communication and Networking (Theory)	16	16	13	3	81.25	Ms.R.Ramya
3	Basics of Communication Engineering (Practicum)	16	16	16	--	100	Ms.R.Ramya
4	Measuring Instruments and sensors (Practicum)	16	16	16	--	100	Ms. G.Nageswari
5	Programming in C (Practicum)	16	16	16	--	100	Mr. M.Arun Muthu Ram
6	Microcontroller Practical	16	15	15	--	100	Mr. M.Arun Muthu Ram

VI SEMESTER

Sl. No	Course	Registered	Appeared	Pass	Fail	% Of Pass	Faculty Name
1	Consumer Electronics (Theory)	16	16	16	--	100	Dr.G.Roja
2	Virtual Instrumentation (Lab View) (Practicum)	16	16	16	--	100	Dr.G.Roja
3	In House Project	16	16	16	--	100	All Faculty Members

PERIYAR CENTENARY POLYTECHNIC COLLEGE
PERIYAR NAGAR-VALLAM- THANJAVUR

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

ACHIEVEMENTS
JAN-2026 – JUNE-2026