

PERIYAR CENTENARY POLYTECHNIC COLLEGE
Periyar Nagar, Vallam -Thanjavur- 613 403
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
ACHIEVEMENTS AND ACTIVITIES REPORT
2022- 2023

NBA ACCREDITATION

NBAexpert team visit our institution on 20-01-2023 to 22-01-2023 then NBA has approved accreditation for the following four programs for 3 years

- 1.Electronics and Communication Engineering
- 2.Computer Engineering
- 3.Electrical and Electronics Engineering
- 4.Mechanical Engineering



AWARDS & PRIZES

❖ **Faculty award for 100 % Result**

The following Staff Members have received the Certificate of Appreciation and cash award for 100% Result in Autonomous Examination.

Sl.No	Name of the Staff	Year / Sem	Subject
1.	Dr.A.Hemalatha	III year/VI Sem April-2023	Bio Medical Instrumentation
2.	Ms. G.Roja	III year/VI Sem April-2023	Embedded Systems
3.	Mr.M.Ramesh	III year/VI Sem April-2023	Computer Hardware Servicing and Networking

❖ **Best Student Award**

❖ **Best Outgoing Student Award**

Selvi S.Madhumitha III year Electronics and Communication Engineering received the **Best student award** for the year 2022-2023.



❖ **Best NCC Student Award**

Selvan S. Tamilazhagan III year Electronics and Communication Engineering received the **Best NCC student award** for the year 2022-2023.



❖ **Best Project Award**

Best Project Award for the year 2022-2023 – V.Gowtham, R.Ragul, N.Surendran, S.Suryaprakash, G.Vaishnavi - III Year Electronics and Communication Engineering on 13.01.2023

Project Title : Arduino based child rescue System from borewells

Guide : Ms. M.Ishwarya



❖ World Book Day celebration

Students , staff members , parents and other stack holders donated 1000 books to our institution on 21-04-2023 in view of world book day celebration.



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❖ Periyar techno expo-2023 (13.01.2023)

S.No	Reg No	Name of the student	Project Title	Prize/ Presented	venue
1.	1418020 1420001 1420002 1420005 1420013	Naveenkumar P Abdulhadhi S Alnoordeen J Balamurugan G Madesh M	IoT based Anti-theft flooring system	Presented	PCPC,Vallam
2.	1420003 1420011 1420012 1420014 1420016	Azhagarasan B Kamalnath A Karthikeyan C Madhumitha S Nantha Kumar R	IoT based Virtual Doctor Robot	Presented	

3.	1420006 1420015 1420017 1420019 1420021	Dhineshbabu A Mohamed Uwais D Prabhakaran VShanmuganathan B Subramaniyan D	Android based notice board	Presented	
4.	1420022 1420023 1420024 1420025 1420026	Tamilazhagan S Vasanth K Vasanthakumar P Vishal N Vishnu R	Human tracing Robot for disaster	Presented	
5.	2421027 2421028 2421029 2421030 2421031	Gowtham V Ragul R Surendran N Suryaprakash S Vaishnavi G	Arduino based child rescue system from borewells	Participated and won best project award	

❖ **Periyar Techno Meet -2023 (05.09.2023)**

S.No	Date	Name of the Students	Year / Sem.	Topic	Venue	Prize / Presented
1.	05.09.2023	S.S.Ranjith K.Veeraragavan	III/VSem	Space Robotics	PCPC,Vallam	Presented
2.		M.Surendar S.A.Saransingh				
3.		Syed Ibrahim J Joel Moses W G	II/IV Sem			
4.		Nazeer Ahamed A				



❖ **Paper Presentation at other colleges**

S.No	Date	Name of the Students	Year / Sem.	Topic	Venue	Prize / Presented
1	03.03.2023	S.Tamilazhagan J.Alnoordeen	III/VI Sem	Global Warming Analysis and Pridiction using Data Science	AnnaiVelangan ni Polytechnic College, Panruti	Presented
2		D.Subramanian D.Mohammed Uwais		A Survey on Threats and Security Solution for IOT		
3		N.Vishal R.Ragul		Next Generation its Implememtation Aspects in 5G		
4	27.08.2023	S.S.Ranjith K.Veeraragavan	III/V Sem	Application of Artificial Intelligence	Government Polytechnic College, Valangaiman	Presented
5.		M.Anbu N.Surendar		5G Technology		
6.		Nazeer Ahamed A Harish R	II/III Sem			
7.		Syed Ibrahim J				

❖ **GUEST LECTURE**

Sl. No	Topic(Content Beyond the Syllabus)	Date	Resource person
1	System on Chip	30.01.2023	Mr. S.M. Sethupathy LOGIZEN Opp to Meenatchi Hospital Thanjavur – 613 007
2	Industrial Automation by using PLC	31.01.2023	Mr. S.Saravanan Technical Head., KALCHI CONTROLS D-43 8 th cross west Thillainagar Trichy – 620018
3.	Real Time Dashboards	27.06.2023	Mr. S.M. Sethupathy LOGIZEN Opp to Meenatchi Hospital Thanjavur – 613 007
4.	Cell Free Communication for 6G	28.06.2023	Mr. S.Saravanan Technical Head.,

			KALCHI CONTROLS D-43 8 th cross west Thillainagar Trichy – 620018
5.	3D Printing Technology	21.12.2024	Mr. S.M. Sethupathy LOGIZEN Opp to Meenatchi Hospital Thanjavur – 613 007
6.	Genetic Engineering	22.12.2024	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	06.03.2023	III/VI	Tissue Engineering	Mr. K.Amirdhaganesh ARMADA Industrial Automation No.17/595 , 1 st Floor, Mannar Nagar,Thanjavur	27
2	07.03.2023	II/IV	AI Enabled Software Defined Engineering	Mr.C.Santhanakrishnan Service point 19 , Rajaji Rd, Balaganapathy Nagar, Thanjavur, 613009.	19
3	13.07.2023	II/III	Miniaturization	Mr. K.Amirdhaganesh ARMADA Industrial Automation No.17/595 , 1 st Floor, Mannar Nagar, Thanjavur	24
4	14.07.2023	III/V	3D IC Technology	Mr. S.Mohammed Ghouse Technical Head., KALCHI CONTROLS D-43 8 th cross west Thillainagar,Trichy – 620018	19



❖ **General EMDP**

1	02.03.2023	III/VI	Startups and managing innovation	Mr. P.Rajesh LOGIZEN Opp to Meenatchi Hospital Thanjavur – 613 007	27
2	03.03.2023	II/IV	Human machine Interface	Mr. G.Prabhu Project Developer Prasar Tech Solutions Pvt Ltd Selvam Nagar, Medical College Road, Thanjavur - 7	19
3	04.07.2023	II/III	Integrating Chatgpt in Education	Mr. P.Rajesh LOGIZEN Opp to Meenatchi Hospital Thanjavur – 613 007	24
4	05.07.2023	III/V	PCB Design for Simple Home Appliances	Mr. G.Prabhu Project Developer Prasar Tech Solutions Pvt Ltd Selvam Nagar, Medical College Road, Thanjavur - 7	19



❖ **INDUSTRIAL VISITS**

S.No	Date	Year/Sem .	Name of the Industry Visited	Content Beyond Syllabus	No. of Beneficiaries
1	18.03.2023	II & III	PMIST, Vallam	Robotics	45
2	11.08.2023	II/III	IIFPT Pudukkottai Road Thanjavur – 613 005	Future of Consumer Electronics in Industry	24
3	18.08.2023	III/V	PMIST, Vallam	Robotics in Smart Manufacturing	19



❖ **Industry Supported Course Work**

S.No	Name of the Course	Name of the industry	Date	No. of Students Benefited
ECE				
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	11.09.2023 - 14.09.2023	24
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	11.09.2023 - 14.09.2023	19
4.	Microcontroller Practical			

❖ **Parent-Teachers Meeting**

Parent Teachers Meeting was conducted on 04.08.2023, for II- year and III-year Electronics and Communication Engineering students.



Parents meeting held on 04.08.2023

❖ **PLACEMENT – 2022 - 2023**

S.No	Reg.No	Name of the Students	Name of the Company	ON/OFF
1	2421028	RAGUL.R	LUCAS TVS, PONDICHERRY RANE AUTOMOTIVE, CHENNAI NOKIA SOLUTIONS, CHENNAI SK ENTERPRISES, CHENNAI RE ACADEMY, CHENNAI	ON
2	1420021	SUBRAMANIAN, D	LUCAS TVS, PONDICHERRY RANE AUTOMOTIVE, CHENNAI NOKIA SOLUTIONS, CHENNAI RANE MADRAS, PONDICHERRY TVS-TS, CHENNAI RE ACADEMY, CHENNAI	ON

3	1420002	ALNOOR DEEN. J	LUCAS TVS, PONDICHERRY NOKIA SOLUTIONS, CHENNAI RANE MADRAS, PONDICHERRY	ON
4	1420022	TAMILAZHAGAN. S	LUCAS TVS, PONDICHERRY RANE MADRAS, PONDICHERRY SK ENTERPRISES, CHENNAI	ON
5	1420015	MOHAMED UWAIS. D	LUCAS TVS, PONDICHERRY RANE MADRAS, PONDICHERRY RE ACADEMY, CHENNAI	ON
6	2421029	.SURENDRAN. N	LUCAS TVS, PONDICHERRY RANE AUTOMOTIVE, CHENNAI RANE MADRAS, PONDICHERRY TVS-TS, CHENNAI RE ACADEMY, CHENNAI	ON
7	1420024	VASANTHA KUMAR. P	LUCAS TVS, PONDICHERRY RANE AUTOMOTIVE, CHENNAI NOKIA SOLUTIONS, CHENNAI RANE MADRAS, PONDICHERRY SK ENTERPRISE, CHENNAI TVS-TS, CHENNAI RE ACADEMY, CHENNAI	ON
8	1420012	KARTHIKEYAN. C	LUCAS TVS, PONDICHERRY NOKIA SOLUTIONS, CHENNAI RANE MADRAS, PONDICHERRY	ON
9	1420005	BALAMURUGAN. GS	LUCAS TVS, PONDICHERRY RANE AUTOMOTIVE, CHENNAI NOKIA SOLUTIONS, CHENNAI RANE MADRAS, PONDICHERRY SK ENTERPRISES, CHENNAI TVS-TS, CHENNAI RE ACADEMY, CHENNAI	ON
10	2421030	SURIYAPRAKASH. S	LUCAS TVS, PONDICHERRY RANE AUTOMOTIVE, CHENNAI NOKIA SOLUTIONS, CHENNAI RANE MADRAS, PONDICHERRY SK ENTERPRISES, CHENNAI RE ACADEMY, CHENNAI	ON
11	1420019	SHANMUGANATHAN. B	LUCAS TVS, PONDICHERRY NOKIA SOLUTIONS, CHENNAI RANE MADRAS, PONDICHERRY SK ENTERPRISES, CHENNAI TVS-TS, CHENNAI RE ACADEMY, CHENNAI	ON
12	2421027	GOWTHAM. V	LUCAS TVS, PONDICHERRY RANE AUTOMOTIVE, CHENNAI NOKIA SOLUTIONS, CHENNAI RANE MADRAS, PONDICHERRY SK ENTERPRISES, CHENNAI RE ACADEMY, CHENNAI	ON
13	1420023	VASANTH. K	RANE AUTOMOTIVE, CHENNAI RE ACADEMY, CHENNAI	ON
14	1420006	DHINESH BABU. A	RANE AUTOMOTIVE, CHENNAI NOKIA SOLUTIONS, CHENNAI RANE MADRAS, PONDICHERRY RE ACADEMY, CHENNAI	ON

15	1420025	VISHAL.N	RE ACADEMY, CHENNAI	ON
16	1420011	KAMALNATH. A	RE ACADEMY, CHENNAI	
17	1420001	ABDULHADHI.S	RE ACADEMY, CHENNAI	ON



❖ **IN-PLANT TRAINING – 2022 - 2023**

Sl. No	Reg.No	Name	Name of the Company
1	1420005	Balamurugan G	Service point, Thanjavur, 613 009
2	1420013	Madesh M	
3	1420019	Shanmuganathan B	
4	1420022	Tamilazhagan S	
5	2421028	Ragul R	
6	2422022	Kavika M	
7	2422024	Ranjith S S	
8	2422025	Subash S	
9	2422026	Veeraraghavan K	
10	1420001	Abdulhadhi S	Kalchi Controls Pvt Ltd., Trichy 620 017.
11	1420002	Alnoordeen J	
12	1420015	Mohamed Uwais D	
13	2421029	Surendran N	
14	2421030	Suryaprakash S	Prasartech Projects And Solutions, Thanjavur-613 007
15	1420003	Azhagarasan B	
16	1420017	Prabhakaran V	
17	1420025	Vishal N	
18	1420026	Vishnu R	
19	2421027	Gowtham V	
20	1421016	Surendar M	
21	1421017	Vignesh G	
22	1421018	Vikram S	
23	1421019	Yusuf Arafath M	
24	2422021	Kathiravan P	Armada Industrial Automation, Thanjavur 613 007
25	1418020	Naveenkumar P	
26	1420006	Dhineshbabu A	
27	1420014	Madhumitha S	

28	1420023	Vasanth K	Logiczen Career Development Centre, Thanjavur 613 005
29	2421031	Vaishnavi G	
30	1421009	Mohamed Sameer S	
31	1421010	Prithivi N	
32	1421012	Saran Singh S A	
33	1421014	Sheik Sawfan M	
34	1421015	Sivasakthi T	
35	1420011	Kamalnath A	
36	1420012	Karthikeyan C	
37	1420016	Nantha Kumar R	
38	1420021	Subramaniyan D	
39	1420024	Vasanthakumar P	
40	1421002	Abishek V	
41	1421005	Anbu M	
42	1421006	Ganesh Pandian P	
43	1421007	Jawahar T	
44	1421008	Mohamed Irshath M	

❖ **Extra Curricular Activities**

❖ **Sports Activities**

S.No	Name of the Students	Name of the Event	Venue / Date	Possession
1	M.Surendar G.Vignesh	Kho-Kho	PCPC/16.02.2023	Winner
2	M.SheikSawfan M.Mohamedirshath	Kho-Kho	PCPC/16.02.2023	Runner
3	S.Madumitha	Kho-Kho (Girls)	PCPC/16.02.2023	Runner
4	M.Surendar S. Vikram P.GaneshPandian	Ball Badminton	PCPC/16.02.2023	I Place
5	V.Abishiek M.SheikSawfan M.Mohamedirshath	Ball Badminton	PCPC/16.02.2023	II Place
6	M.SheikSawfan M.Mohamed Irshath	Volley Ball	PCPC/16.02.2023	I place

❖ **Inter Polytechnic Colleges**

S.No	Name of the Students	Name of the Event	Venue / Date	Possession
1	M.Surendar S.Subash	Basket Ball	SASTRA UNIVERSITY	District Level III Place
2.	M.Surendar	Ball Badminton	Arasu Engineering College, Kumbakonam	District Level IV Place

❖ **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.

❖ **Community Related Activities**

Sl.No.	Date	Activity	Place
1	11.08.2023	ANTI DRUG-PLUDGE	PCPC,VALLAM.
2	14.08.2023	SWACHHTA CAMPAIGN - CLEANLINESS DRIVE	PCPC,VALLAM.
3	28.10.2023	SPECIAL CAMPAIGN 3.0 CLEANLINESS DRIVE	NCC UNIT,THANJAVUR.

❖ Tree Plantation

Our final year students donated 21 plants to our college.



❖ Women's Day Celebration



Women's Day Celebrated on 08.03.2023

❖ International Yoga Day Celebration

Yoga Day Celebrated on 21.06.2023

YOGA Day Celebration



❖ FACULTY DEVELOPMENT PROGRAM

PROGRAMMES ATTENDED

S. No	Name of the Faculty	Name of the Training Programme	Resource Person	Duration	Venue
1	Mr.M.Ramesh	Internet Of Things (IOT) Phase - V	ISTE	28.03.2023 to 11.05.2023	through on Line
2		Robotic Process Automation (RPA)	ICT Academy	24.04.23 to 28.04.2023	PMIST Vallam
3.		PCB Design & Embedded Systems	Naan Mudhalvan Scheme	24.07.2023 to 28.07.2023	Srinivasa Subaraya Polytechnic College, Puthur
4.		Next Generation Wireless Communication Sytem Design and Simulation	FDP	19.09.2023 to 23.09.2023	Government Polytechnic College, Srirangam



STAFF PAPER PRESENTATION

S.No	Name of the Faculty	Name of the Training Programme	Duration	Venue
1.	Dr.A.Hemalatha G.Roja M.Ramesh P.Saranya V.Preethika K.Meera	Smart Electronics & Communication Technologies	13.03.2023 & 14.03.2023	PMIST Vallam

HOD/ECE

❖ **RESULT****OCTOBER - 2022****III SEMESTER**

S.No	Name of the Subject	Appeared	Passed	% of Pass	Staff
1.	Electronic Devices and Circuits	19	17	89.47	Ms. K.Meera
2.	Electrical Circuits and Instrumentation	16	14	87.50	Ms. M.Ishwarya
3.	Programming in “C”	18	16	88.88	Ms. V.Preethika
4.	Electronic Devices and Circuits Practical	19	19	100	Ms. K.Meera Ms. V.Preethika
5.	Electrical Circuits and Instrumentation Practical	19	19	100	Ms. M.Ishwarya Ms. V.Preethika
6.	Programming in “C” Practical	19	19	100	Ms. M.Ishwarya Ms. V.Preethika
7.	Simulation Practical	19	19	100	Ms. G.Roja Ms. K.Meera

VSEMESTER

S.No	Name of the Subject	Appeared	Passed	% of Pass	Staff
1.	Analog and Digital Communication Systems	25	24	96	Ms. G.Roja
2.	Microcontroller and its Applications	25	22	88	Ms. P.Saranya
3.	Very Large Scale Integration	25	23	92	Mr. M.Ramesh
5.	Analog and Digital Communication Practical	25	25	100	Ms. G.Roja Ms. P.Saranya
6.	Microcontroller Practical	25	25	100	Ms. P.Saranya Ms. K.Meera
7.	Very Large Scale Integration Practical m	25	25	100	Dr. A.Hemalatha Mr. M.Ramesh
8.	Entrepreneurship & Start Ups	25	25	100	Dr. A.Hemalatha Mr. M.Ramesh

APRIL - 2023**IV SEMESTER**

S.No	Name of the Subject	Appeared	Passed	% of Pass	Staff
1.	Industrial Electronics	18	17	94.44	Ms. K.Meera
2.	Communication Engineering	18	15	83.33	Ms. V.Preethika
3.	Analog and Digital Electronics	18	15	83.33	Ms. P.Saranya
4.	E-Vehicle Technology and Policy	17	15	88.24	Mr.M.Ramesh
5.	Industrial Electronics Practical	18	18	100	Ms. P.Saranya Ms. K.Meera
6.	Communication Engineering Practical	18	18	100	Ms. G.Roja Ms. V.Preethika
7.	Analog and Digital Electronics Practical	18	18	100	Ms. P.Saranya Ms. K.Meera

VI SEMESTER

S.No	Name of the Subject	Appeared	Passed	% of Pass	Staff
1.	Computer Hardware Servicing and Networking	22	22	100	Mr. M.Ramesh
2.	Bio Medical Instrumentation	22	22	100	Ms. A.Hemalatha
3.	Elective II - Embedded Systems	22	22	100	Ms. G.Roja
5.	Computer Hardware Servicing and Networking Practical	22	22	100	Mr. M.Ramesh Ms. V.Preethika
6.	Embedded Systems Practical	22	22	100	Ms. G.Roja Mr. M.Ramesh
7.	Project Work and Internship	22	22	100	All Staff Members

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

**ACHIEVEMENTS
JAN-2023 – DEC-2023**