

**PERIYAR CENTENARY POLYTECHNIC COLLEGE**  
Periyar Nagar, Vallam -Thanjavur- 613 403  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**ACHIEVEMENTS AND ACTIVITIES REPORT**  
**JUNE 2021-AUGUST 2022**

**AWARDS & PRIZES**

❖ **Best ISTE Student Award – 2021**

Selvan S.Tamilazhagan II year Electronics and Communication Engineering received Best ISTE Student Award for the year 2021 – 2022.



❖ **Best Outgoing Student Award**

Selvan A.Irfan Ali III year Electronics and Communication Engineering received the **Best outgoing student award** for the year 2021-2022.



❖ **Best Project Award**

Best Project Award for the year 2021-2022 - S.Ganesh, V.Manikandan, S.Ramu, S.Soundarapandiyan, G.Sanjay, K.Baladinesh - III Year Electronics and Communication Engineering in the Project title

**“IOT Based Smart Society”- Guide Dr. A.Hemalatha**

**Periyar Techno Expo** held on 09.05.2022 at our Polytechnic College.



❖ **SHORT FILM-2021**

Selvan S.Soundarapandiyan A.Irfan Ali, L.Dineshkumar received 1<sup>st</sup> Prize in short film Competition in Independence day celebration on 26.01.2022



## ❖ Periyar Techno Meet 2021 State Level Paper Presentation

The following students of Electronics and Communication Engineering submitted and presented papers at Periyar Techno Meet – 2021 held on 23.12.2021 at our Polytechnic College.

Date	Name of the Students	Year / Sem.	Topic		Prize / Presented
23.12.21	A.Irfan Ali P.Sarathimohan	III/V	Nano Satellite	PCPC,Vallam	Presented
23.12.21	S.Shanmugarajan R.Vasantha kumar	III/V	Virtual Reality and Augumented Reality		1 <sup>st</sup> prize
23.12.21	A.Annakamatchi K.Sowmiya	III/V	Bio-Sensors		Presented
23.12.21	A.Irfan Ali P.Sarathimohan	III/V	Nano Satellite	Arasan Ganesan Polytechnic College, Sivkasi	Presented

42 Years in Educational Societal Service

**PERIYAR CENTENARY POLYTECHNIC COLLEGE**  
Periyar Nagar, Vallam - 611 403 - Thirujalur, Pin: 62402-294510. Email: principal@periyarpolytech.com  
 AUTONOMOUS INSTITUTION - ISO 9001:2015 Certified Institution

**Periyar Techno Meet 2021**  
(Virtual Mode)

**Important dates:**  
Submission of Abstracts and Full papers - 21.12.2021  
 Submission of Solutions - 22.12.2021

**Awards for Each Dept.**  
I Prize - Rs. 1,000/-  
 II Prize - Rs. 1,000/-

Organized by  
**Indian Society for Technical Education (ISTE) & Institution of Engineers (India) - IET**  
*A State Level Technical Symposium*

**Topics**

**DEPARTMENT OF COMPUTER ENGINEERING**

1. Big data
2. Machine Learning
3. Artificial Intelligence

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

1. Artificial Intelligence in power station
2. Smart Grid
3. Smart Hybrid Vehicles

**DEPARTMENT OF MODERN OFFICE PRACTICE**

1. Digital Marketing
2. Start-ups in Business
3. E-Commerce in Business

**DEPARTMENT OF MECHANICAL ENGINEERING**

1. Cryogenic
2. Nano Electro-Mechanical system
3. Industrial Internet of Things (IIoT)

**DEPARTMENT OF ARCHITECTURAL ASSISTANTSHIPS (S/W) & CIVIL ENGINEERING**

1. Floating Luxury Hotels
2. Energy Efficiency Concepts
3. Fluid Architectural Designs

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

1. Nano Satellites
2. Virtual Reality and Augmented Reality
3. Biosensors

Specifications: No Registration Fee. Maximum 2 authors. The abstract should be in 200 words. Bonafide certificate from the Principal to be enclosed. One soft copy of full paper (maximum 8 pages) and four Times New Roman - 12 pt font to be sent to the Email: principal@periyarpolytech.com

**e-Certificates will be issued to all Participants**



APRIL - 2021

IV SEMESTER

No.	Name of the subject	Appeared	Passed	% of Pass	Staff
1.	Industrial Electronics	54	54	100	Ms.R.Rajeshwari
2.	Communication Engineering	54	54	100	Ms. G. Roja
3.	Digital Electronics	54	54	100	Ms.R.Yasika
4.	Linear Integrated Circuits	54	54	100	Mr. M. Ramesh
5.	Industrial Electronics and communication Engineering Practical	54	54	100	Ms.P.Usharani Ms.R.Yasika
6.	Integrated Circuits Practical	54	53	98.14	Mr. M. Ramesh Ms.R.Rajeshwari
7.	Life and Employability Skill Practical	54	54	100	Ms.S.Uma

Overall Percentage – 98.14%

Appeared : 54  
Passed : 53  
Failures : 01

VI SEMESTER

No.	Name of the subject	Appeared	Passed	% of Pass	Staff
1.	Embedded System	46	46	100	Mr. M. Ramesh
2.	Computer Hardware Servicing and Networking	46	46	100	Ms. G. Roja
3.	Mobile Communication	46	46	100	Dr. A. Hemalatha
4.	Embedded System Practical	46	46	100	Dr. A. Hemalatha Mr. M. Ramesh
5.	Computer Hardware Servicing and Networking	46	46	100	Ms.R.Rajeshwari Ms.R.Yasika
6.	Advanced Microcontroller and Simulation Practical	46	46	100	Ms. G. Roja Ms.R.Rajeshwari
7.	Project Work	46	46	100	All Staff Members

Overall Percentage – 100.00%

Appeared : 46  
Passed : 46  
Failures : Nil

**OCTOBER – 2021(FEB 2022)****III SEMESTER**

SI. NO	COURSE	REGIS TERED	APPE ARED	PASS	FAIL	% OF PASS	FACULTY NAME
1	Electronic Devices and Circuits	30	30	30	--	100%	Ms. P.Abirami
2	Electrical Circuits and Instrumentation	30	30	30	--	100%	Ms. M.Ishwarya
3	Programming in 'C'	30	30	30	--	100%	Ms. V.Preethika
4	Electronics Devices and Circuits Practical	30	28	28	--	100%	Ms. P.Abirami
5	Electrical Circuits and Instrumentation Practical	30	28	27	01	96.4%	Ms. P.Abirami
6	Programming in 'C' Practical	30	28	28	--	100%	Ms.V.Preethika
7	Simulation Practical	30	27	27	--	100%	Ms. G.Roja

**Overall Percentage –86.66%**

Appeared : 30  
 Passed : 26  
 Failures : 01

**V SEMESTER**

SI. NO	COURSE	REGIS TERED	APPEARE D	PAS S	FAIL	% OF PASS	FACULTY NAME
1	Advanced Communication Systems	55	54	54	--	100%	Ms. G.Roja
2	Microcontroller	55	54	54	--	100%	Ms. P.Saranya
3	Very Large Scale Integration	55	54	54	--	100%	Mr. M.Ramesh
4	Elective – I: Digital Communication	55	53	53	--	100%	Dr. A.Hemalatha
5	Advanced Communication Systems Practical	55	52	52	--	100%	Ms. G.Roja, Ms. M.Ishwarya
6	Microcontroller Practical	55	50	50	--	100%	Ms. P.Saranya
7	Very Large Scale Integration Practical	55	51	51	--	100%	Mr. M.Ramesh, Ms. M.Ishwarya

**Overall Percentage – 92.59%**

Appeared : 54  
 Passed : 50  
 Failures : Nil

### III YEAR 2018-2021 (Passed Out)

Total No.of Students:46

No. of All Clear Students:46

DETAILS	I SEM OCT 2018	ALL CLEAR	II SEM APR 2019	ALL CLEAR	III SEM OCT 2019	ALL CLEAR	IV SEM APR 2020	ALL CLEAR	V SEM OCT 2020	ALL CLEAR	VI SEM APR 2021	ALL CLEAR
Registered	49	31	41	33	48	34	46	46	45	45	46	46
Appeared	48		41		47		46		45		46	
Passed	31		33		35		46		45		46	
% of pass	64.5		80.4		74.4		100		100		100	

### III YEAR 2019-2022

Total No.of Students:55

No. of All Clear Students: 50

DETAILS	I SEM OCT 2019	ALL CLEAR	II SEM APR 2020	ALL CLEAR	III SEM OCT 2020	ALL CLEAR	IV SEM APR 2021	ALL CLEAR	V SEM OCT 2021	ALL CLEAR
Registered	51	32	51	51	55	52	55	53	55	50
Appeared	51		51		55		54		54	
Passed	32		51		52		53		50	
% of pass	62.74		100		94.55		98.14		92.59	

### II YEAR 2020-2023

Total No.of Students:30

No. of All Clear Students:26

DETAILS	I SEM OCT 2020	ALL CLEAR	II SEM APR 2021	ALL CLEAR	III SEM OCT 2020	ALL CLEAR
Registered	26	26	26	26	30	26
Appeared	26		26		30	
Passed	26		26		26	
% of pass	100		100		86.66%	

## In-plant Training

S.No	Name of the Student	Duration	Place
1.	A.Ezhilan	20.11.2018 to 30.11.2018	ASQUR Systems,Trichy
2.	J.Robertleo		
3.	B.M.Jeyakrishna		
4.	Nitish Laipharakpam		
5.	K.Rengaraj		
6.	A.Imranbasith		
7.	C.Jeeva		
8.	R.Abimani		
9.	I.Christopher		
10.	R.Parthiban		
11.	R.DhivyaPriyadharshini	15.11.2018 to 25.11.2018	Prasartech Solutions, Thanjavur
12.	S.Sangavi		
13.	R.Vanathi		
14.	C.Amarthiyasen		
15.	R.Gomathi		
16.	P.Sivaranjani		
17.	S.Parkavi		
18.	M.Dhivya		
19.	V.Swetha		
20.	M.Thamaraiselvi		
21.	K.Rengraj	10.05.2019 to 20.05.2019	Infinity Technology,Trichy
22.	J.Roberleo		
23.	S.Robin		
24.	S.S.Ruthran		
25.	S.Sangavi		
26.	R.Siranjeevi		

27.	M.Sivamoorthy		
28.	M.Yazararafeth		
29.	N.Udhayaprakash		
30.	D.AswinAnand		

**Placement – 2021 - 2022**

Sl. No	Reg.No	Name	Name of the Company
1.	1418045	Vedhanarayanan.P	Appollo Tyres, Chennai
2.	1419004	Annakamatchi R	TVS Locus Pondicherry
3.	1419042	Sowmiya K	TVS Locus Pondicherry
4.	1419013	Irfan Ali A	TVS Locus Pondicherry
5.	1419011	Dineshkumar L	TVS Locus Pondicherry
6.	1419048	Vasanthakumar R	TVS Locus Pondicherry
7.	1419032	Sanjay G	TVS Locus Pondicherry
8.	1419028	Raakesh T	TVS Locus Pondicherry
9.	1419003	Akash D	TVS Locus Pondicherry
10.	1419028	Rajkumar R	TVS Locus Pondicherry
11.	1419050	Vignesh R	TVS Locus Pondicherry
12.	1419034	Saran G	TVS Locus Pondicherry
13.	1419045	Sudharsan V	TVS Locus Pondicherry
14.	1418016	Madhesh R	TVS Locus Pondicherry
15.	1419009	Dayacin Prasath M	TVS Locus Pondicherry
16.	1419033	Santosh A	Royal enfield academy for technical skills
17.	1419040	Siva Sakthi K	Royal enfield academy for technical skills
18.	1419002	H S Aalideen	Royal enfield academy for technical skills
19.	1419028	R Rajkumar	Royal enfield academy for technical skills
20.	1419013	A Irfan Ali	Royal enfield academy for technical skills



21.	2420059	P Sarathi Mohan	Royal enfield academy for technical skills
22.	1419052	Vigneshwaran.T	S K Enterprises , Chennai
23.	1419002	Aalideen.H.S	S K Enterprises , Chennai
24.	1419028	Raj Kumar.R	S K Enterprises , Chennai
25.	1419047	Susmanth.B	S K Enterprises , Chennai
26.	2421059	Sarathimohan P	TVS TS , Chennai
27.	1419013	Irfan Ali.A	TVS TS , Chennai
28.	2421060	M Vinothan	TVS TS , Chennai
29.	1419001	P Akash	TVS TS , Chennai
30.	1418042	R. Suresh Kumar	TVS TS , Chennai
31.	1419041	Soundarapandiyam.S	TVS TS , Chennai
32.	1419047	B.Susmanth	TVS TS , Chennai
33.	1418045	Vedhanarayanan.P	TVS TS , Chennai
34.	1419051	Vigneshwaran M	TVS TS , Chennai
35.	1419009	Dayacin Prasath M	TVS TS , Chennai
36.	1419017	Kathiravan A	TVS TS , Chennai
37.	1419034	Saran G	TVS TS , Chennai
38.	1419032	Sanjay G	TVS TS , Chennai
39.	1419016	Junaith Ahamed	TVS TS , Chennai
40.	1419045	Sudharsan. S	TVS TS , Chennai



### ❖ Parent-Teachers Meeting

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



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

### CONTINUING EDUCATION

S.No	Year/Sem	Courses	Duration
1	II / III	Proteus Basic Circuit Simulator	June 2018 - Aug 2018
2	III / V	Wireless Sensor Network	June 2018 - Aug 2018
3	II / IV	Arduino with Robotics	Dec 2018- Mar 2019
4	III / VI	Li – Fi – Data Transfer	Dec 2018- Mar 2019

## EMDP PROGRAMMES

### Technical EMDP

S.No	Date	Year / Sem	Topic	Name and address of the Resource Person	No of Students benefited
1	05.04.22	III/VI	Developing Embedded Products	Mr.M.Sethupathy Embedded Developer, Logiczen Carrier Thanjavur-7	55
2	24.05.22	II/IV	Automotive Startups	Mr.K.Amirtha ganesh Armada Industrial Automation Thanjavur	27

### General EMDP

1	07.04.22	II/IV	Lean startups	Mr.V.Rajkumar Step Infotech, Thanjavur	27
2	11.04.22	III/VI	Social Entrepreneurship	Mr.R.S.Selva kumar, Software Developer MYIT Technology, Thanjavur	55



## DEPARTMENT ASSOCIATION ACTIVITIES- SMATRONICS ASSOCIATION

### GUEST LECTURES PROGRAMMES

Sl. No	Date	Year/ Sem.	Name & Address of the Experts	Topic
1	22.09.2021	II/IV	Mr. N.Santhosh Kumar Project Engineer Pantech Solutions Pvt Ltd Trichy	Flexible Electronics
2	23.09.2021	III/VI	Mr. S.DHANASEKARAN Professor/EEE Rtd NITTTR Barathi Enterprises Chennai	Virtually Reality in electronics manufacturing
2	04.01.2022	III/V	Dr. S.Kumaran & Dr. A.P.Arun PMIST, Vallam	Workshop on IP protection Patent Awareness Programme
3	12.04.22	III / VI	Mr.G.M Prabu Project Developer Prasar Tech Solutions Pvt Ltd Thanjavur	5 G Communication
4	18.04.22	II / IV	Mr. S.Avuudaiyappan Project Engineer Pantech Pro.Ed.Pvt Ltd Trichy	OFDM



## INDUSTRIAL VISITS

S.No	Date	Year/Sem.	Name of the Industry Visited	Content Beyond Syllabus	No. of Beneficiaries
1	22.04.22	III/VI	PMIST, Vallam	Optical Networks	55
2	20.04.22	II/IV	PMIST, Vallam	PeriyarFM-Radio	27



### 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	A.Irfan Ali P.Sarathymohan	Webinar

### Employability Skill Course

S.No	Date	Topic	Resource Person with Designation	No. of Students Present
1	28.09.21	Career Opportunities and Entrepreneurship	Mr. Vijaymithra, Director/REN Academy, Thanjavur	55
2	28.03.2022 – 30.03.2022	Tamil Nadu State Council for Science and Technology, Chennai	Shanmuga Polytechnic College, Thirumalaisamudram	A.Irfan Ali

S.No	Date	Topic	Organiser	No. of Students Present
1	28.03.2022 – 30.03.2022	Science and Technology Capacity Building for Industrial Needs	Tamil Nadu State Council for Science and Technology, Chennai  & Shanmuga Polytechnic College, Thirumalaisamudram	A.Irfan Ali  & P.Sarathy Mohan



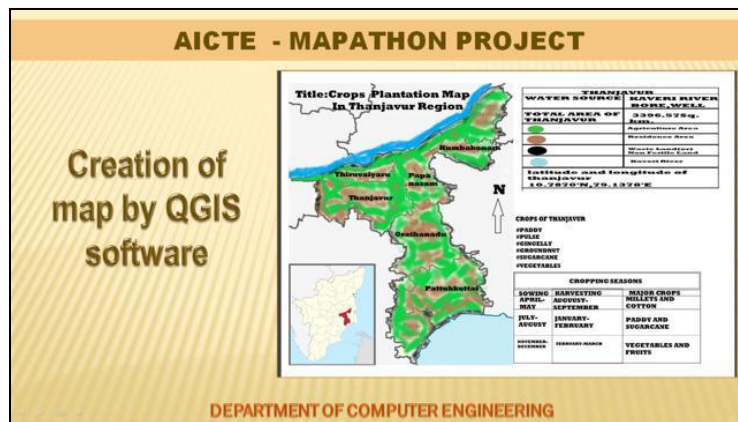
### Personality Development Programme

S.No	Date	Topic	Resource Person with Designation	No. of Students Present
1	05.10.2021	Personality Development Programme	Mr. R. Ayyanathan, Manager.III	55



## AICTE Mapathon Events

Our student submitted project under the “Crop Plantation” concepts on 22.02.2022



## AICTE Hackathon Events

Our student submitted project under the E-learning concepts in “Travels and Tourism” on 13.04.2022





## Faculty Development Program

### Programme Organised

S.No	Name of the Faculty	Name of the Training Programme	Duration	Venue Online
1.	Dr.A.Hemalatha G.Roja	Emerging trends in Internet Of Things (Organiser – PCPC, Vallam)	22.11.2021 – 26.11.2021	In association with GCT, Coimbatore



**GOVERNMENT COLLEGE OF TECHNOLOGY**  
COIMBATORE – 641 013

**FACULTY TRAINING CENTRE**  
&  
**PERIYAR CENTENARY POLYTECHNIC COLLEGE**  
Vallam - 613 403 - Thanjavur

**Organize**  
**Tamil Nadu State Government Sponsored**  
**Five day Online FDP on**  
**“Emerging Trends in Internet of Things (IoT)”**  
22<sup>nd</sup> to 26<sup>th</sup> November 2021

**Organizing Committee**

**Patron**  
**Dr. P. Thamarai**  
Principal, GCT

**HoD/FTC**  
**Dr. T. Purusothaman**  
Professor / FTC, GCT

**Convener**  
**Dr. R. Malliga**  
Principal, PCPC Thanjavur

**Coordinator**  
**Dr. A. Hemalatha**  
Vice-Principal, PCPC Thanjavur

**Co-Coordinator**  
**Ms. G. Roja**  
Lecturer / ECE, PCPC Thanjavur

**Registration**  
Link: <https://forms.gle/hSRjxKJGfovRr9vq5>

Scan QR Code:



**Address for Correspondence**  
**Mr. P. Duraisamy**  
Assistant Professor / Mechanical  
Faculty Training Centre  
Government College of Technology  
Coimbatore – 641 013  
**E mail: ftc@gct.ac.in**

**Instructions:**

1. No registration fee
2. Faculty members from Polytechnic Colleges are eligible
3. Last date for registration: **15/11/2021**
4. Selection Intimation: **16/11/2021**
5. Confirmation by Participants: **19/11/2021**
6. E – Certificate will be issued based on attendance percentage and assignment score



## Resource Person

S.No	Name of the Resource Person	Name of the Programme	Duration	Venue
1.	G.Roja	OBE and Examination Reforms	20.04.2022	PCPC, Vallam

## Programmes Attended

S. No	Name of the Faculty	Name of the Training Programme	Resource Person	Duration	Venue
1	M.Ramesh	Emerging trends in Internet Of Things (Organiser – PCPC, Vallam)	--	22.11.2021 – 26.11.2021	In association with GCT, Coimbatore
2	G.Roja M.Ramesh	Workshop on IP protection Patent Awareness Programme	Dr. S.Kumaran & Dr. A.P.Arun PMIST, Vallam	04.01.2022	
2	Dr.A.Hemalatha G.Roja M.Ramesh P.Saranya V.Preethika M.Ishwarya	Simulation Practical	Mr. M. Senthilnathan CADD Center, Thanjavur	01.03.2022 – 2.3.2022	Periyar Centenary Polytechnic College,Vallam (Online)
3	Dr.A.Hemalatha G.Roja M.Ramesh P.Saranya V.Preethika M.Ishwarya	Entrepreneurship And startups	1.Dr. S.KNagarajan Annamalai University Chidambaram Dr. RM. Nachiappan GCE, Thanjavur 2.Dr.K.Tamizh Jyothi Annamalai University Chidambaram 3.Dr.GS. Subashini Kundavai Nachiayar Art s & Science Thanjavur	03.03.2022 – 04.03.2022	Periyar Centenary Polytechnic College,Vallam (Online)
4	Dr.A.Hemalatha G.Roja	Python Programming	Mr.S.Auvudaiyappan Pantech Pro Ed P	03.03.2022 –	Periyar Centenary Polytechnic

	M.Ramesh P.Saranya V.Preethika M.Ishwarya			04.03.2022	College,Vallam (Online)
5	Dr.A.Hemalatha G.Roja M.Ramesh P.Saranya V.Preethika M.Ishwarya	E -Vehicle	Dr. G.Sivasankar AP/Ece Mepco Schlenk Engineering College Sivaksi	05.03.2022	Periyar Centenary Polytechnic College,Vallam (Online)
6	G.Roja	Tamil Nadu State Council for Science and Technology (TNSCST)	--	18.01.2022	Periyar Centenary Polytechnic College,Vallam (Online)
7	M.Ramesh P.Saranya V.Preethika M.Ishwarya	OBE and Examination Reforms	Ms. G.Roja	20.04.2022	PCPC, Vallam



## Extra Curricular Activities

### ❖ Sports Activities

S.No	Name of the Students	Name of the Event	Venue / Date	Possession
1	B.Susmanth	100mts	PCPC/29.03.2022	3 <sup>rd</sup> place
2	K.Baladinesh	1500mts	PCPC/29.03.2022	2 <sup>nd</sup> place
3	K.Sivasakthi	4*100mts Relay	PCPC/29.03.2022	1 <sup>st</sup> place
4	S.Soundarapandiyan	4*100mts Relay	PCPC/29.03.2022	1 <sup>st</sup> place
5	K.Baladinesh	4*100mts Relay	PCPC/29.03.2022	1 <sup>st</sup> place
6	B.Susmanth	4*100mts Relay	PCPC/29.03.2022	1 <sup>st</sup> place
7	B.Susmanth	Long jump	PCPC/29.03.2022	3 <sup>rd</sup> place
8	K.Baladinesh	High jump	PCPC/29.03.2022	2 <sup>nd</sup> place
9	B.Susmanth	High jump	PCPC/29.03.2022	3 <sup>rd</sup> place
10	S.Madhumitha	Throw ball	PCPC/24.03.2022	Winner
11	S.Madhumitha	Volley ball	PCPC/25.03.2022	Runner
12	R.Annakamatchi	Kho-Kho	PCPC/25.03.2022	Runner
13	G.Vaishnavi	4*100mts Relay	PCPC/30.03.2022	3 <sup>rd</sup> place
14	S.Soundarapandiyan	Kho-Kho	PCPC/22.03.2022	Runner
15	S.Shanmugarajan	Kho-Kho	PCPC/22.03.2022	Runner



## Activity under IE (I) and ISTE

### World Environment Day Celebration – 05.06.2022

S.No	Date & Time	Name of the Activity
1	03-06-2022	Tree plantation
2	04-06-2022	Drawing Competition Theme: World Environment
3	05-06-2022	Lectures/Seminar Topic: Pollution Free Nation
4	05-06-2022	Quiz program Topic: World Environment



Tree plantation on 03.06.2022



Drawing competition on 06.06.2022

## **Women's Day Celebration**

Women's Day Celebrated on 08.03.2022



**Women's Day Celebration**

## **International Yoga Day Celebration**

Yoga Day Celebrated on 21.06.2022



**YOGA Day Celebration**

**Head of the Department/ECE**

**PERIYAR CENTENARY POLYTECHNIC  
COLLEGE**

**PERIYAR NAGAR-VALLAM- THANJAVUR**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**ACHIEVEMENTS**

**2021- 2022**