

## Our Recruitment - 2021



### ALUMNI VOICE

S. Kadar Shiek



CT (2013-16)

I would like to remember my institution, Periyar Centenary Polytechnic College where I was trained not only technology and skill in Computer Engineering but also Entrepreneurship. The awareness programme on "Entrepreneurship Developer" has indeed made a successful entrepreneur - **Clouding**

### MISSION

- M1:** To impart quality technical education to the students and equip them with knowledge, skills and attitudes that will lead to successful employment in industry/business, entrepreneurship and higher education.
- M2:** To provide conducive learning environment and adopt well structured teaching – learning practices to make the students technically competent.
- M3:** To strengthen the collaboration with industry and community for career development, placement and extension services.
- M4:** To develop the personality of the students and identify themselves as good individuals, professionals and responsible citizens with ethical values.
- M5:** To inculcate lifelong learning skills to face challenges with innovations.



#### Editorial Board

**Editor** : Mr. R.Ayyanathan, SL/English  
**Co-Editors** : Mr. P.K.Sachidanandam, Lecturer/CT  
 : Mr. K.Ganesan, Lecturer/CT

42 Years in Educational Societal Service...

# Periyar Centenary Polytechnic College

Periyar Nagar - Vallam - 613 403 - Thanjavur

**AUTONOMOUS INSTITUTION**

ISO 9001:2015 Certified Institution

THE BEST POLYTECHNIC COLLEGE AWARD 2007 by the Govt. of Tamil Nadu

## POLY NEWS

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Our Chairperson **Dr. K.Veeramani** congratulates **Dr. R.Malliga**, Principal for receiving the "Best Education Excellence Award for Skill Indian Award 2021"

### VISION

Periyar Centenary Polytechnic College aspires to be recognized as one of the leaders in imparting quality technical education and strives to prepare rural students with excellent technical and life skills for the benefit of the stakeholders and society at large.

**"Only Education, Self Respect and Rational Qualities will uplift the Down Trodden"**  
 - THANTHAI PERIYAR

## MY VISIONARY THOUGHT

New Year Greetings to all !



We are really delighted to recollect the memories of the birthday celebration of Thanthai Periyar. Founder's Day is celebrated every year as the birthday function of our chairperson Dr. K.Veeramani who has inspired the young minds with his lofty ideals and societal involvement. We would like to share the achievements of our Placement and Training Cell for organizing campus interviews in association with reputed industries to ensure career opportunities of the students. It is indeed a good deed that 100% placement has been achieved to provide career opportunities for the final year students.

The learning skills of the students are really enhanced in a more specific way by the Guest lectures by the industrial experts. My best wishes to the students who have been selected in the Campus Interviews organized at our college campus in association with reputed companies such as Apollo Tyres, Chennai, Sakthi Auto Component Ltd., Coimbatore. Saint Gobain, Chennai, L & T, Coimbatore. Nokia Solutions, Chennai, Lucas TVS, Pondicherry etc.,

It is our pride and pleasure to appreciate Ms.T. Vijayalakshmi, Sr.Lecturer for bagging The Best Polytechnic Award-2020. Congrats to Selvan H. Madheswaran and P. Kathiravan for achieving the Best ISTE Student Awards-2020. A fame of feather has been added in our achievement when Selvan B. Rajkumar, final year student of Electronics and Communication Engineering won Fellowship Award with cash prize Rupees One Lakh for his project "Non Compressor Air Conditioner" ..

We are very delighted to share that our college is going for National Board of Accreditation which ensures the quality system of the college to promote and recognize excellence in technical education. It is not exaggerated to say that Covid 19 has a great impact on the learning skill of the students whose roots and wings have been immobilized due to the closure of educational institutions.. Hard work beats talent when talent does not work hard. So let us work hard to drive the evils of Covid 19 which has made the human being live in the dark side of worldly life.

"Education is a shared commitment between dedicated teachers, motivated students and enthusiastic parents with high expectations."

With Best Wishes,  
**Dr. R.MALLIGA**  
PRINCIPAL

### Best ISTE Student Awards - 2020



Dr. K.Veeramani congratulates Selvan H. Madheswaran and P. Kathiravan for receiving the "Best ISTE Best Student Award 2020"

### The ICON of Students Award



Our students attend Off Campus Drive conducted by M/s. Aquasub Engg., Coimbatore on 27.01.2020

### DEPARTMENT OF MECHANICAL ENGINEERING

#### VISION

Excellence in providing scientific and technical education, to develop intellectual, innovative and quality mechanical engineers and prepare them to face challenges of modern society.

#### MISSION

- M1:** To provide quality education and training through comprehensive curriculum and emphasis on engineering fundamentals and applications.
- M2:** To provide a conducive, creative and enjoyable ambience for effective Teaching – Learning practices.
- M3:** To strengthen soft skills especially for rural students through co – curricular and extra curricular activities.
- M4:** To inculcate a spirit of innovation in emerging technologies for projects, lifelong learning and startups.

#### PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

- PEO1:** To exhibit technical skills in operating tools, machineries and equipment to meet Industry requirements.
- PEO2:** To engage in professional development, through the execution of projects with innovative ideas by adopting emerging technologies.
- PEO3:** To develop the positive attitude towards lifelong learning and succeed in industry, entrepreneurship or higher education.

#### PROGRAMME SPECIFIC OUTCOMES (PSOs)

- PSO1:** Apply the acquired technical knowledge in design, drafting, manufacturing, maintenance and documentation of mechanical components and processes.
- PSO2:** Associate the learning related to Energy Conversion, Fluid Mechanics, Strength of materials, Design of machine elements, Thermal & Automobile engineering to arrive at solutions to real world problems.
- PSO3:** Manage Mechanical engineering processes by selecting and scheduling relevant equipment, substrates, quality control techniques, and operational parameters.

### DEPARTMENT OF CIVIL ENGINEERING

#### VISION

Produce competent and socially aware diploma Civil Engineers, by providing quality education and training to meet the challenges for sustainable environment.

#### MISSION

- M1:** To provide sound technical knowledge and skills with updated curriculum and infrastructural facilities.
- M2:** To provide an ambience for effective teaching learning practices
- M3:** To provide soft skills especially of rural students through co-curricular and extra-curricular activities.
- M4:** To facilitate the students to play leadership roles for the betterment of the society in a sustainable manner.

#### PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

- PEO1:** Able to practice civil engineering in a responsible, professional and ethical manner or take up higher education and pursue productive careers in private and government organizations/entrepreneurship.
- PEO2:** To exhibit professionalism, ethical attitude, communication, teamwork, social responsibility and adopt current trends in technology.
- PEO3:** To engage in lifelong learning and adapt to changing professional and societal needs.

#### PROGRAMME SPECIFIC OUTCOMES (PSO)

- PSO1:** Understand the fundamental, mathematical, scientific and engineering concepts to have a significant and positive long term impact on the field of civil engineering and provide sustainable solutions to the civil engineering problems.
- PSO2:** Apply specific program principles to analysis, design, laboratory investigations and construction aspects of civil engineering infrastructure.
- PSO3:** Ability to analyse and design using codes of practice and software packages.

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### VISION

Produce competent Engineers to excel in the field of Electrical and Electronics Engineering by providing necessary knowledge and skills with diverse and stimulating environment to meet the challenges in career.

#### MISSION

- M1:** To provide quality education and training, emphasis on engineering fundamentals through comprehensive curriculum.
- M2:** To provide a conducive learning environment and equip students with well structured Teaching learning practices
- M3:** To strengthen soft skills especially for rural students through co curricular and extra curricular activities
- M4:** To awake young minds to acquire knowledge continuously and learn to apply it

#### PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- PEO1:** To apply the knowledge skills and competency to work in industry, organization and society at large.
- PEO2:** To engage in design of systems, tools and applications in the field of Electrical Engineering and allied Engineering Industries.
- PEO3:** To Exhibit professionalism, ethical attitude communication skills, team work and adapt to current trends by engaging in lifelong learning.

#### PROGRAMME SPECIFIC OUTCOMES (PSOs)

- PSO1:** Understand the circuits design systems, components and processes related to Electrical Engineering.
- PSO2:** Apply principles of engineering and laboratory skills for testing, operation and maintenance of electrical systems, electrical machines, power and energy systems.
- PSO3:** Ability to work professionally in Power systems engineering, Electrical machinery and design.

### DEPARTMENT OF COMPUTER ENGINEERING

#### VISION

Develop highly competent diploma computer engineers to manage the global challenges with latest technologies to suit the need of the industry and society.

#### MISSION

- M1:** To provide quality education and training with updated curriculum
- M2:** To create innovative teaching learning environment with motivation for self learning for problem solving through ICT infrastructure.
- M3:** To strengthen soft skills of students especially of rural students through Co-curricular and Extracurricular activities.
- M4:** Mould the students as professional diploma engineers with moral, ethical and social values and encourage them to become entrepreneurs, also encourage them for life long learning.

#### PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

- PEO1:** Competent Diploma professionals with knowledge of Computer Engineering to pursue variety of careers/higher educations
- PEO2:** Proficient in successfully designing solutions to real life problems that are technically sound, economical viable by following the ethical values.
- PEO3:** Efficient team players, effective communications and capable of working in new technologies by constantly upgrading their skills and attitude towards lifelong learning.

#### PROGRAMME SPECIFIC OUTCOMES (PSOs)

- PSO1:** Analyze and develop essential proficiency skills in the areas related to engineering science, communicating the earned knowledge, algorithms and analysis, system software and networking and to apply the knowledge based skill to solve real time problems.
- PSO2:** Apply programming skills for the software development using modern computer languages, tools and platforms.
- PSO3:** Utilize the knowledge in Computer Hardware, Network, Multimedia and Product development

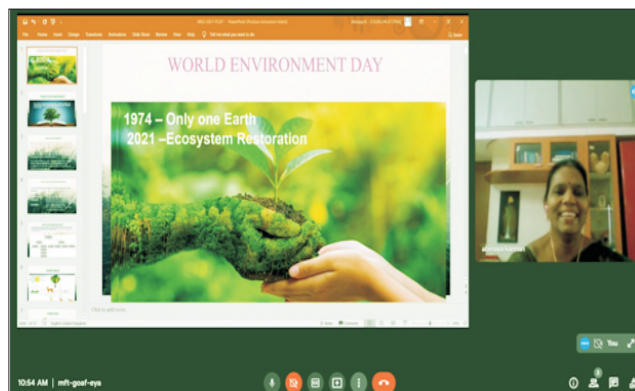
**INSTITUTION OF ENGINEERS - IE(I)**

➤ Engineers Day was celebrated on 30.08.2021

The following activities are organized under IE(I) students chapter periodically :

S.No	Name of the Faculty
1.	Guest Lectures
2.	Industrial Visit
3.	Personality Development
4.	Film Show / Technical Information
5.	Group Discussion

**World Environment Day 2021 Celebration**



World Environment Day has been conducted by IE(I) through online on 05.06.2021 at 10.30 am. Our alumni P.Chintha Selvi, Asst. Engineer, PWD Department, Trichy has delivered a special address and 200 school students has submitted essays on the topic "Save Environment". The cash awards and certificates are given to the winners.

**NATINAL CADET CORPS(NCC)**



- 10 Cadets attended ATC Camp at national college, Trichy from 15.02.21 to 17.02.21
- 02 Cadets attended ATC Camp at SRCI college, Trichy from 03.03.21 to 07.03.21.
- 31 Cadets attended International yoga day celebration at home on 21.06.21 through online due to corona.
- 18 Cadets attended National anthem Rashtagaan on 17.08.21 through online and got e-Certificate
- 20 Cadets attended Pledge on fit India Freedom Run on 17.08.21 through online and got e-Certificate
- 07 Cadets enrolled for the first year 2021-2022 at PCPC vallam on 24.10.21.

**NATIONAL SERVICE SCHEME(NSS)**



- Covid19 Vaccination Camp was organized in association with Government Hospital , Vallam on 25.06.2021. The staff members got vaccinated.
- Harmony Day Pledge was observed by the staff members on 19.08.2021.
- Covid 19 Vaccination Camp was organized at Government Hospital, Vallam on 07.09.2021. Staff and students got vaccinated.
- NSS Day was celebrated on 24.09.2021. Saplings were planted.



**NATINAL CADET CORPS(NCC)**

- NSS volunteers and Programme Officers participated in the Rally on World AIDS Day o 01.12.2021. Mr. Dinesh Ponraj, the District Collector inaugurated the rally.
- NSS Special Camp was inauguration Munnayampatti, Alakkudi and

**ENTREPRENEURSHIP MANAGEMENT DEVELOPMENT PROGRAMME**

- 28 no. of Technical and Guest Lectures on Entrepreneurship were organized for the II and III year students of all departments.
- 02 nos of EDII Awareness Programmes were organized for the first year students.

**Campus Interview – DELPHI - TVS, Chennai**



Our Principal issues offer letter to the selected students in the Campus Interview organised in association with DELPHI-TVS, Chennai on 24.12.2021

**DEPARTMENT**

**ELECTRONICS AND COMMUNICATION ENGG. Smartronics Association**

- Guest Lecture on Cellular Communication (Online) was organized for the students. Mr.M.Gunasekaran, DGM (Rtd), BSNL, Thanjavur delivered a lecture on 05.01.2021
- Guest Lecture on Electronic Components and its Applications (Online) was conducted for the students. Dr.S.Dhanasekaran , Professor/EEE (Rtd), NITTR,Chennai-600113 delivered a lecture on 05.01.2021.
- Guest Lecture on Application of LED's (Online) was organized for the students. Dr.S.Dhanasekaran, Professor/EEE (Rtd) , NITTR,Chennai-600113 delivered a lecture on 06.01.2021.
- Guest Lecture on Application of LED's (Online) was arranged for the students. Mr.G.M.Prabhu, Prasartech Solutions Pvt Ltd., Thanjavur delivered a lecture on 25.01.2021.
- Guest Lecture on Applications of Advanced Microcontroller (Online) was arranged for the students. Mr.M.Appas, Project Manager, Asquar System, Trichy delivered the session on 27.01.2021.
- Guest Lecture on Introduction to PLC and its Applications (online) was organized for the students. Mr.N.Santhosh Kumar, Project Engineer, Pantech ProEd Pvt Ltd., Trichy putaarudelivered a lecture on 05.02.2021.

**ARCHITECTURAL ASSISTANTSHIP Arctic Association**

- Guest Lecture on Conservation & restoration of historic buildings was organised . Ar. Kisoth kumar, Muppall studio, Thanjavur delivered a lecture on 04.01.2021.
- Ar.T.Vignesh, Kumbakonam delivered a guest lecture on Modern concepts in architecture for the final year students on 28.01.2021.
- Awareness programme on career development was organized. Mr. vijaymithra ,Director of REN ACADEMY, Thanjavur delivered a lecture on 27.01.2021.
- Guest Lecture on Interior design with trendy material was organized. Ar.T.Vignesh, Kumbakonam.delivered a lecture on 18.02.2021.

**MECHANICAL ENGG. Dynama Association**

- Guest Lecture was organized for the final year students on 12.10.2021. Ms.Shyamala Devi, CADD Centre, Thanjavur delivered a lecture on "Auto CAD basics principles".
- Guest Lecture was arranged for the final year students on 01.11.2021. Mr. V. Pandiyarajan, Associate Professor, PMIST, Vallam delivered a lecture on "Design of Machine Elements".

**STAFF DEVELOPMENT WORKSHOPS/SEMINAR ATTENDED**

Date	Name of the staff members	Programme Name	Resource person
30.05.21	Mr.K.B.Velliyangiri HOD/ic Ms.C.Sownderya/Lect	EMERGING TRENDZ 21	CADD centre training services Pvt,Ltd
09.02.21	MS.M.Tamilselvi, Lect/Arch Ms.C.Sownderya, Lect/Arch	Teaching Learning Process and Online Education	Dr.Sharmila Begam.(CSE), Associate Professor/CSE, PMIST, Vallam.
17.02.21	Ms.C.Sownderya, Lect/Arch	Pedagogical Skill	Mr.S.Kavikumar, Department of Education, PMIST,Vallam Mr.M.Karthick /AP Department of Education, PMIST, Vallam



**INDUSTRY INSTITUTE INTERACTION CELL**

Campus Interview was organized in association with the following reputed industries at our college during February 2021.



1. Apollo Tyres, Chennai
2. Sakthi Auto Component Limited, Coimbatore.
3. Larsen & Toubro , Coimbatore
4. Nokia Solutions , Chennai
5. Saint Gobain, Chennai
6. Lucas TVS, Pondicherry
7. RICO Industries, Chennai
8. TVS-TS, Chennai
9. AXEL INDIA, Chennai
10. Sree Engineering Solutions, Chennai

**CAREER GUIDANCE PROGRAMME**

- Awareness Programme on Career Development was organized for the final year students. Mr.Vijaymithra, Director/REN Academy, Thanjavur delivered a lecture on 28.09.2021.
- Career Guidance Programme on Interview Techniques & Resume Writing organized for the students. Mr. Balaji, Director/Brainskills, Thanjavur handled the session on 28.09.2021.
- Awareness Programme on Career Opportunities and Entrepreneurship was organized for the final year students. Mr. Vijaymithra, Director/REN Academy, Thanjavur delivered a lecture on 28.09.2021.
- Career Guidance Programme on Project Development & Startups was arranged for the final year students. Mr.Amirtha Ganesh, Director/ARMADA, Thanjavur delivered a lecture on 30.09.2021.
- Programme on Personality Development was organized for the final year students from 05.10.2021 to 09.10.2021. Mr. R.Ayyanathan, Manager / III, delivered lectures.

**EMDP PROGRAMMES**

S.No	Year/Sem	Title	Date	RESOURCE PERSON
1	III/IV	Living room design using revit Architecture	04.01.2021	Cadd Centre, Thanjavur.
2	II/III	Hope and usage of bamboo in architecture	28.01.2021	Ar.N.Subash chandran, The mud rural architect, Trichy .
3	III/VI	Opportunities available in architecture industry and skill development to succeed in career	25.02.2021	Ar.moses vijay, Setter out, Havelock one interiors WLL pobox:5100,askar, Bahrain.(work at home from thanjavur)

**Best College Award - 2021**



**Mr. K.B.Velliyangiri, Lecturer/(SG)/Arch receives The Best College Award for Skill Indian Award 2021.**

**INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)**

**8<sup>th</sup> ISTE TN Section Annual Polytechnic Faculty Convention**

The following are the Best Paper Award with the theme of "Education Technology in New Normal" at Thiagarajar Polytechnic College, Salem on 27.02.2021.



S.No	Name of the Faculty	Title of the best paper
1	Dr.A.Hemalatha, HOD/ECE Ms.G.Roja, Lecturer/ECE	Significance of SCL & SEL for future ready Graduates
2	Dr.K.Malarkodi, HOD/ MOP	Role of Industries in Technical Education PMIST, Vallam.

The following are the Best Paper Award with the theme of "Education Technology in New Normal" at Thiagarajar Polytechnic College, Salem on 27.02.2021.

S.No	Name of the Faculty	Title of the best paper
1	Mr.K.B.Velliyangiri, Lecturer/SG-2/Arch	Challenges and Opportunities in Digital Learning
2	Dr.A.Hemalatha, HOD/ECE Ms.G.Roja, Lecturer/ECE	Significance of Student Centered Learning (SCL) and Social Emotional Learning (SEL) for future ready graduates
3	Dr.K.Malarkodi, HOD/MOP	Role of Industries in Technical Education
4	Mr.R.Ayyanathan, Lecturer/ English	Significance of Student Centered Learning (SCL) and Social Emotional Learning (SEL) for future ready graduates
5	Mr.G.Rajaraman, HOD/EEE	Challenges and Opportunities in Digital Learning



**PERIYAR TECHNO EXPO**

Periyar Techno Expo-2021 inaugurated by our Chairman and Expert Committee of Periyar Maniammai Institute of Science and Technology. The Special Guest of our Expo, Ms.M. Vinitha, Principal, Kamala Subramaniam Matriculation Higher Secondary School, Thanjavur.



**STATE LEVEL PAPER PRESENTATION Periyar Techno Meet**



The following papers are selected as best papers and awarded with cash and appreciation certificate. 1st Prize - Rs.2000/- and 2nd Prize - Rs.1500/-

S.No	Name of the Students	Dept.	Title of the Paper	Price
1	Zaithoon Shahani .J.S.	Arch	Architectural Design for Natural Lovers	I
2	Matheshwaran.H Sakthi Tamil.C	CT	Cloud Storage	I
3	Irfan Ali.A Dinesh Kumar.L	ECE	Green Energy	I
4	Shidharthan.V Sundar.R	EEE	Green Energy	I
5	Ruthreshwaran.R Praveen.E	MECH	The fourth reduction of Industries (Industry 4.0)	II
6	Aswin Ram.S Saminathan.R	MOP	Starts Up is a tool for SustainableEmployment	I