

PERIYAR CENTENARY POLYTECHNIC COLLEGE

PERIYAR NAGAR-VALLAM-613 403, THANJAVUR.

DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT ACTIVITIES

2021-2022

Awards & Achievements

- Periyar Birthday celebration (143rd year) organized on 24.09.2021.
- The following II & III year students are participated in the following programme.

S.No	Name of the Student	Year/Sem	EVENT
1.	R.SANTHOSH	II/III	DRAWING-II nd prize
2.	P.SUJITH	II/III	SHORT FILM
	S.AMUTHA NILAVAN		
3.	R.SANTHOSH	II/III	ESSAY COMPETITION



PROJECT EXPO-2022

The III year students are
Periyar Techno Expo

- 1.ABIUD THEODAR.A
2. SANJAI.V
- 3.RAGUVARAN.N
4. VISHAL.E
- 5.SIVAKUMAR.R



exhibited their project for
competition on 9.05.2022.





Periyar Techno Meet 2021

The following II- & III-year students to participate Periyar Techno meet paper presentation on 23.12.2021 at our college. The details of the papers are as follows,

PROJECT TECHNO EXPO 2022

S. NO	STUDENTS NAME	PROJECT TITLE	REMARKS
1	ABIUD THEODAR A	Plan, design & estimation of Bank Building	I Prize
2	DEEPAK ANAND K		
3	SENTHILKUMARAN G		
4	YUGENDRAN S		
5	SIVA PRAKASH		
6	PREM KUMAR R	Partial replacement of coarse aggregate in a concrete cube with Coconut Shell	Participated
7	RAGUVARAN N		
8	SANJAI V		
9	SIVAKUMAR R		
10	SRIRAM R	Partial replacement of coarse aggregate in a concrete cube with Bamboo Slice	Participated
11	JAGANBALAN S		
12	NARENDRAN S		
13	PRAVEENKUMAR S		
14	SUNDAR K		
15	KARTHIKEYAN S	Plan, design & estimation of Apartment Building	Participated
16	GOKUL ROSHAN P		
17	KALYANASUNDARAM A		

18	MUGILAN M		
19	VIMAL NIRANJAN S		
20	VISWESHWARAN R K		
21	AKASH R	Design of recycled materials in road construction	Participated
22	ARUN KARTHIK V		
23	CHRISTO TREVER T		
24	RAJARAJAN M		
25	VISHAL E		

Curricular gaps identified and Programmes to be arranged 2022 - 2023

DEPARTMENT ACTIVITIES

S.NO	COURSE	CURRICULAR GAP IDENTIFIED	Stake holders	Programme
1.	Mechanics of solids	Beam failures	Industry	EMDP Workshop conducted
2.	Construction materials and construction practice	Basic and advanced building materials	Industry	EMDP Workshop conducted
3.	Surveying	Digital land survey	Industry	Guest lecture conducted
4.	Cad in civil engineering drawing-I	civil engineers and drawing practices	Faculty	Guest lecture conducted
5.	Theory of Structures	Structure failure analysis	Industry	EMDP Workshop conducted
6.	Hydraulics	Working principles of Dams and irrigation structures	Faculty	Guest lecture conducted
7.	Transportation engineering	Airport planning area		Guest lecture conducted
8.	Structural Engineering	Concrete repair and structural strengthening	Industry	EMDP Guest lecture conducted
9.	Environmental engineering	Hazardous waste management	Alumini	Guest lecture conducted
10.	Concrete Technology	Advanced concrete materials	Faculty	Guest lecture conducted
11.	Construction Management	Low cost housing	Industry	EMDP Workshop conducted
12.	Estimating ,Costing and valuation	Estimating about variation buildings	Industry	Guest lecture conducted
13.	Urban planning and Development	Bridge culverts	Faculty	Guest lecture conducted

Programmes conducted for content beyond the syllabus for the year 2021 – 2022

S.No	Course	Topic (Content beyond Syllabus)	Date	Resource Person	Programme
1.	Mechanics of solids	Failure analysis of materials & structure	02.08.21	Er. Mr.R.Vijayasathy, M.Tech, GS Construction, No 135 J.J Nagar, 3rd cross street, M.C Road, Thanjavur.	EMDP Guest Lecture
2.	Construction materials and construction practice	Painting techniques	06.04.22	Er.B.Ramakrishnan,M.E (Structural) KRB Construction, 1/53, Middle street, Kadambankudi, Thanjavur.	EMDP Guest Lecture
3.	Structural Engineering	Reinforcement details of fabrication work	01.10.21	Er.B.Ramakrishnan,M.E (Structural) KRB Construction, 1/53, Middle street, Kadambankudi, Thanjavur.	Guest Lecture
4.	Environmental engineering and pollution control	Solid waste management	04.10.21	Dr. J. Santhosh., ME .,Ph.d., Assistant Professor, Periyar Maniammai Institute of Science and Technology, Vallam, Thanjavur.	Guest Lecture
5.	Civil engineering Drawing-II	Structural and planning of residential building	07.04.22	Er. V.Venkatesh, M.Tech Habit Form construction Thanjavur.	Guest Lecture
6.	Estimation and costing-II	Low-cost Housing	05.04.22	Er.Sivakumar, B.Tech Chitra Civil Construction No-47, Jagadeeson Nagar ,Thanjavur.	EMDP Guest Lecture
7.	--	Personality Development	21.04.22	Mr.Vijay Mithra HRD&ELT Trainer REN Acadamey Balaji Nagar ,Thanjavur.	EMDP Guest Lecture

SL. NO	YEAR/ SEM	DATE	TOPIC	RESOURCE PERSON
1.	II/III	1.10.2021	Reinforcement Detail and fabrication Work	Er.B.Ramakrishnan,M.E (Structural) KRB Construction, 1/53, Middle street, Kadambankudi, Thanjavur.
2.	III/V	28.09.2021	Building valuation	Er.Sivakumar, B.Tech Chitra Civil Construction No-47, Jagadeeson Nagar ,Thanjavur.

GENERAL EMDP

SL. NO	YEAR/ SEM	DATE	TOPIC	RESOURCE PERSON
1.	II/III	29.09.2021	Failure Analysis of Materials & Structure	Er. Mr.R.Vijayasarathy, M.Tech, GS Construction, No 135 J.J Nagar, 3rd cross street, M.C Road, Thanjavur.
2.	III/V	30.09.2021	Traditional Building Concepts	Er.S.Vishwanathan B.Tech. Sai Ram Construction , 770, East Third Street , Pudukkottai-622001

GUEST LECTURE

SL. NO	YEAR/ SEM	DATE	TOPIC	RESOURCE PERSON
1.	II/III	04.10.2021	Solid Waste Management	Dr. J. Santhosh., ME .,Ph.d., Assistant Professor, Periyar Maniammai Institute of Science and Technology, Vallam, Thanjavur.
2.	III/V	05.10.2021	New Generation Building Products	Er.C.Venkatesh, B.E Manager, Technical Services, Ultra Tech Cement Limited, Thanjavur



GUEST LECTURE - IV & VI SEMESTER

TECHNICAL EMDP

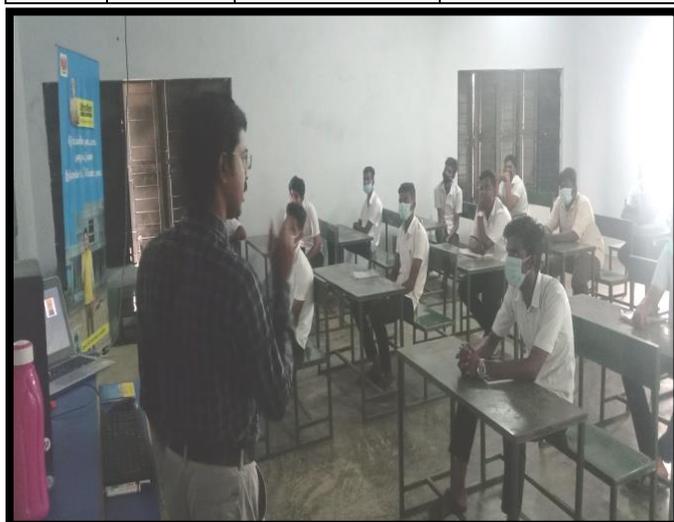
SL. NO	YEAR/ SEM	DATE	TOPIC	RESOURCE PERSON
1.	II/III	5.04.2022	Low-cost Housing	Er.Sivakumar, B.Tech Chitra Civil Construction No-47, Jagadeeson Nagar ,Thanjavur.
2.	III/V	6.04.2022	Quality control and advanced concrete testing	Er. Mr.R.Vijayasarathy, M.Tech, GS Construction, No 135 J.J Nagar, 3rd cross street, M.C Road, Thanjavur.

GENERAL EMDP

SL. NO	YEAR/ SEM	DATE	TOPIC	RESOURCE PERSON
1.	II/III	06.04.2022	Painting Techniques	Er.B.Ramakrishnan,M.E (Structural) KRB Construction,1/53, Middle street, Kadambankudi, Thanjavur.
2.	III/V	05.04.2022	New modern structures	Er.S.Vishwanathan B.Tech. Sai Ram Construction , 770, East Third Street , Pudukkottai-622001

GUEST LECTURE

SL.NO	YEAR/ SEM	DATE	TOPIC	RESOURCE PERSON
1.	II/III	07.04.2022	Structural and planning of residential building	Er.V.Venkatesh, M.Tech Habit Form construction Thanjavur.
2.	III/V	04.04.2021	Non destructive testing	Er.C.Venkatesh, B.E Manager, Technical Services, Ultra Tech Cement Limited, Thanjavur



SMART INDIA HACKATHON 2022

The following students submitted their Project ideas in the competition Smart India Hackathon 2021 – 2022 organized by MHRD'S Innovation Cell-AICTE, Delhi on 30.03.2022.

S. No.	Dept	Problem Statement	Team Members
1.	CIVIL	Flood management and control systems	1. ABIUD THEODAR A 2. AMUTHA NILAVAN S 3. SUJITH P 4. JERALD RUBAN RAJ Y



PARENTS MEETING

Parents meeting held on 21.5.2022 for II & III Year IV & VI Semester



OTHER PROGRAMME FOR STUDENTS

PAPER PRESENTATION 2022

S. No	Programme Topic	Date & Time	Programme	No. of Participants	AWARDS
1.	CARE college of Engineering	24-04-2022	Paper presentation	2	Ist prize
			Bridge making	3	2 nd prize
			Cook without fire	3	2 nd prize
			Treasure hunt	5	Ist prize
2.	Mount Zion college of Engineering	25-07-2020	Paper presentation	2	2 nd prize
			Code book cracking	5	Ist prize, 2 nd prize, 3 rd prize



TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

S. No	Programme Topic	Date & Time	Programme	No. of Participants	Venue
1.	Science and technology capacity building for industrial needs	28-03.-2022	Workshop	2	Shanumugha polytechnic college. Thirumalaisumdhram



The following students are attended the Tamilnadu State Council for Science and Technology conducted by Shanumugha polytechnic college.

TE BEST STUDENT AWARDS 2021 – 2022

The following student has received the ISTE best student Award for the year 2021 – 2022 in the ISTE TN section on 18.05.2022

S. No.	Dept	Award	Student Name
1.	CIVIL	ISTE Best Student Award	AMUTHA NILAVAN S



STUDENT AWARENESS PROGRAMME (CYBER CRIME)



The civil engineering students are attended the programme about problems faced by the students on usage of social media and remedial measures on 25.05.2022

BEST STUDENT AWARDS 2021 – 2022

The following student has received the overall best student Award for the year 2021 – 2022 on 18.05.2022

S. No.	Dept	Award	Student Name
1.	CIVIL	Best Student Award	N.RAGUVARAN
2.		Individual Championship (sports)	N.RAGUVARAN



SPORTS ACHIEVEMENT 07.06.2022

S. No	STUDENT NAME	Date & Time	EVENT	No. of Participants	AWARDS
1.	N. RAGUVARAN	06.06.2022	1500 mts Running	22	Ist Prize
			400mts Running	24	Ist Prize
			RELAY	20	IIInd prize
2.	S.AMUTHNILAVAN	06.06.2022	400mts Running	15	IIInd prize
			RELAY	20	IIInd prize
			KHO KHO	6	WINNER
			200mts Running	20	IIInd prize
3.	Y.JERALD RUBAN RAJ	06.06.2002	KHO KHO	6	WINNER
			RELAY	4	IIInd prize
4.	P. GOKUL ROSHAN	06.06.2002	SHOT PUT	20	IIInd prize



The following above students are participated in various sports achievement and they won prizes and awards on 07.06.2022

INTERNATIONAL YOGA DAY



The civil engineering students have attended an international yoga day on 21.06.2022

FACULTY DEVELOPMENT PROGRAM

S. No	Name of the Staff	Date	Title	Resource person	Venue
1.	Mr.S.Karthik, Mr.V.Nivaas Mr.P.Dhinesh Mr.R.Natarajan	19-04-2022	Teaching and Learning Process & Online Education	Ms.G.Roja.,M.E., Lect/ECE Periyar Centenary polytechnic College vallam	PCPC, Vallam

Teaching and Learning Process & Online Education -19-04-2022



Faculty Training Programme – 22-11-2021



Certificate Program on IOT Tools for Effective Teaching and Learning

AUTONOMOUS EXAMINATION RESULTS

APRIL-2021–IVSemester

SL. NO	SUBJECT	REGISTERED	APPEARED	PASSED	% OF PASS	FACULTY
1	Theory of Structures	25	25	25	100.00%	Mr.K.B.Velliyangiri
2	Civil Engineering Drawing-I	25	25	25	100.00%	Mr.S.Karthik
3	Surveying – II	25	25	25	100.00%	Ms.V.Iniyamudhu
4	Estimating and Costing – I	25	25	25	100.00%	Mr.K.B.Velliyangiri
5	Material Testing Lab – II	25	25	25	100.00%	Ms.V.Iniyamudhu
6	Surveying Practice – II	25	25	25	100.00%	Ms.V.Iniyamudhu
7	CAD in Civil Engineering Drawing – I	25	25	25	100.00%	Ms.C.Sowndarya

OVERALL PERCENTAGE = 100 %

APRIL-2021 – VI SEMESTER

SL. NO	SUBJECT	REGISTERED	APPEARED	PASSED	% OF PASS	FACULTY
1	Construction Management with MIS	41	41	41	100.00%	Mr.S.Karthik
2	Hydraulics	41	41	41	100.00%	Ms.V.Iniyamudhu
3	Town Planning	41	41	41	100.00%	Ms.C.Sowndarya
4	Estimating and Costing – II	41	41	41	100.00%	Mr.S.Karthik

5	Hydraulics Lab	40	40	40	100.00%	Ms.V.Iniyamudhu
6	Computer Applications in Civil Engineering Practice	40	40	40	100.00%	Mr.S.Karthik
7	Project Work	40	40	40	100.00%	All Staff Members

OVERALL PERCENTAGE = 100 %

OCTOBER 2021 (FEBRUARY -2022)– III Semester

SL. NO	SUBJECT	REGISTERD	APPEARED	PASSED	% OF PASS	FACULTY
1	Mechanics of solids	19	19	19	100.00%	Mr.V.Nivaas
2	Construction materials and construction practice	19	19	19	100.00%	Mr.P.Dhinesh
3	Surveying	19	19	19	100.00%	Ms.V.Iniyamudhu Ms. E.Bharathi
4	Building Planning and Drawing	19	19	19	100.00%	Mr.R.Natarajan
5	Civil Engineering Drawing and CAD practical-I	19	19	19	100.00%	Mr.V.Nivaas Ms.R.Deepika Rani
6	Material Testing Laboratory-I	19	19	19	100.00%	Mr.S.Karthik
7	Surveying Practice – I	19	19	19	100.00%	Ms.V.Iniyamudhu Ms. E.Bharathi

OVERALL PERCENTAGE = 100 %

OCTOBER 2021 (FEBRUARY -2022) – V Semester

SL. NO	SUBJECT	REGISTERD	APPEARED	PASSED	% OF PASS	FACULTY
1	Structural Engineering	25	25	25	100.00%	Mr.S.Karthik
2	Environmental engineering and pollution control	25	25	25	100.00%	Mr.R.Natarajan
3	Civil engineering drawing-II	25	25	25	100.00%	Mr.P.Dhinesh
4	Water resources management	25	25	25	100.00%	Mr.V.Nivaas
5	Construction practice lab	25	25	25	100.00%	Mr. P. Dhinesh
6	CAD in civil engineering drawing-II	25	25	25	100.00%	Mr.V.Nivaas Ms. C.Sowndharya
7	Life and employability skills practical	25	25	25	100.00%	Mr.R.Ayyanathan

OVERALL PERCENTAGE = 100%

