

+PMC – CIVIL
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Shri. P. Kumar- Secretary & Correspondent

Smt. P. Mallar- Trustee

Smt. S. Sasirekha- Trustee

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HOD/Department of Civil Engineering

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From the Chairman's Desk

“Make of us the hero warriors we inspire to become. May we fight successfully the great battle of the future that has to be won against the past that seeks to endure, so that the new things may manifest and we are ready to receive them”

Er. P. Perumal,

Chairman.

PMC TECH - Group of Institutions

Welcome to PMC TECH, where academics and activities never end and the students are molded as future technocrats and business leaders. The Institute works on the vision to become one of the leading centers of teaching, research and extensions in the field of Engineering and Technology through total commitment towards quality education and training. We instill our students with the strength of character, self-confidence technical competence and leadership in management.

We propagate knowledge to the students with the help of dedicated faculty, state-of-the-art library and well-equipped labs along with audio-visual theatre. The institute has an enviable track record of academic excellence, which is coupled with hands-on industrial training, and innumerable industry-institute interaction, which makes each PMC TECH student ready to be absorbed in the company.

From the Secretary's Desk



“The Institute not only extends good campus and state of the art computing facilities to the Students but also aims at giving those competencies that will make them leaders and trendsetters in their respective field, in this age of competition”

Shri. P. Kumar,

Secretary & Correspondent,

PMC TECH is committed to develop young minds for creative leadership in business and a proactive and useful role in social transformation. Today the need for being proactive and constructive is more acute than ever before due to the sweeping change influencing every aspect of our life. Therefore, there is need for action based on holistic training of youth to take on varied challenges of life.

An opportunity to study at PMC TECH empowers a student to acquire knowledge and develop skills that will enable him to lead a highly productive, rewarding and holistic life. As a part of PMC TECH's commitment towards quality technical education and excellence, we embarked on promoting Faculty Development Program, Seminars, Workshops and Conferences, which will keep the faculty and students abreast of their field.

From the Trustee's Desk



“The goal of education is the advancement of knowledge and the dissemination of truth”

*Smt. P. Mallar,
Trustee*

The rapid rate of technological advancement and the information revolution have opened new series of challenges as well as opportunities. We aim to prepare the students to be successful in their workplace. It aims to prepare the students with technical knowledge and capabilities, flexibility and an understanding of the societal context of corporate world.

We give the students support and encouragement they need to reach their full potential. We strive to give professional education a new perspective and achieve perfection in all spheres. We provide a pleasant & intellectually stimulating environment. The main reason for our tremendous performance is the faculty, which makes PMC TECH stand out from the rest of engineering colleges and Institutes. I wish to assure all concerned that no efforts will be spared to bring PMC TECH as one of the top Technical education Institutions.

From the Trustee's Desk



“Education is the ability to listen to almost anything without losing your temper or self-confidence”

*Smt. S. Sasirekha,
Trustee*

PMC TECH is committed to creating an ambience for nurturing innovation, creativity and excellence in our students. We aim to prepare the young engineers and managers to confidently and competently face the challenges of intensifying competition by imparting high quality technical and managerial education coupled with appropriate training and wide exposure to the state-of-art practices. Our educational programmes lay emphasis on all round personality development and also in inculcating human values and professional ethics which help our students become more humane and socially alive to lead a meaningful life.

This newsletter will help the students and faculty members to make them aware of different activities of their department as well as the other departments and will develop a better culture and academic environment. Further this will boost the morale of students and faculty to participate in future activities.

From the Principal's Desk

“I believe that education is not just about teaching curriculum, it is also about the development of human intellect, capability to think independently and speak articulately. Through numerous student activities the college imparts all these life skills in students.

Education in PMC TECH also emphasizes on development of personality, inter-personal skills and instilling the right values”



***Dr. S. Chitra,
Principal***

With a devoted and highly qualified set of faculty members, well provided infrastructure and efficient administrative staff, we always impart best education by giving in depth knowledge in the subject. We know that mere education does not make you a complete man / woman.. With our rich library, we want you to develop reading habits. We always endeavor that when student go out. They should be recognized as highly knowledgeable, amiable, active and greatly trust worthy individual.

Thanks to the educationally committed management, we have the reputation that we provide all the facilities and amenities. May be because of all these,. I am thankful to all my colleagues who are striving hard to establish PMC TECH as one of the leading Engineering Institutions.

From the HoD's Desk

“Welcome to the Department of Civil Engineering which is imparting knowledge through teaching and creating implementation of practical aspects to build a solid foundations as part of the Engineering Education.

***Prof.G.Vasudevan,
HOD/CIVIL***



The Department of Civil Engineering works with the objective of addressing critical challenges faced by the Industry, Society and the Academia. Perhaps even more

important is our unceasing commitment to our students, helping them to learn, grow, develop and achieve their goals in their pursuit to excel in their professional career.

The Faculty and students of our department are engaged in acquiring cutting edge technology and the excellent infrastructure facilities available the department allows them to develop into pushing the boundaries of the state of the art of technology. The students are encouraged to take part in co curricular and extracurricular activities. Implant training in the industries and Research centers which are intended mandatory for all the students so that the teaching, learning process will match with the Industry/ Research centre expectations. My best wishes and greetings to all the students who are aspiring to become Civil Engineers and take India to the forefront of developed nations.

PMC TECH-AN OVERVIEW

PMC TECH group of Institutions consisting of Engineering College, polytechnic and ITI were established in the year 1996 by Er.Perumal B.E, M.I.E, FIV, Our founder and Chairman and sponsored by **Er.Perumal Manimekalai Telugu Minority Educational and Charitable Trust. It is situated closer to the Industrial Hub, Hosur, Tamilnadu. Er.Perumal Manimekalai College of Engineering, established in the academic year 2002-2003 is Approved by All India Council for Technical Education (AICTE)** and affiliated to Anna University. PMC TECH creates unique opportunities, provides individualized educational challenges, promotes high order thinking skills and maintains a strong tradition of academic excellence for students. The college is equipped with world class infrastructure and highly qualified, experienced faculty members. An active Placement Training and Welfare Cell is functioning with full enthusiasm with the aim of placing the students in top-notch companies. PMCTECH, a premier institution for higher education seeks to impart value added technical education and always aiming at excellence along with inculcation of ethical, moral, & professional values, with national welfare in heart.

CIVIL ENGINEERING-AVIEW

The Department was incepted in the year 2012. The Department offers a 4-Year full time B.E. Programme in Civil Engineering; It has a team of well qualified faculty members with rich industrial and academic experience. ICT enhanced teaching techniques are also used in the department to supplement the regular chalk and talk lectures.

The Department gives a broad multi-disciplinary education enabling the students to succeed in wide variety of careers including the design, manufacture, maintenance and

management. And also it involves in IEDC and MSME which is based on the collaboration of institution & industry.

Vision

The civil engineering students will be empowered to have state of art knowledge, instilling applied research, innovation and entrepreneurial skills.

Mission

- ❖ To provide state of all technical education in tune with the global challenges.
- ❖ To encourage and undertake research relevant to civil engineering for industry and society.
- ❖ To mentor students for inventive thinking and life long learning with relevance to societal problems.

Quality Policy

- ❖ To provide competitive and academic programs to produce technologists and professionals for national and global needs.
- ❖ To be a center for reference, research and consultation through smart partnership with industries and stake holders.
- ❖ Educate tomorrow's leaders through innovative educational programs & pedagogies that have as their context the conception, design, implementation and operation of systems; and processes; create research opportunities that generate inventions, technologies and solutions to Aerospace problems.

SYMPOSIUM 2K19

The Department of Civil Engineering organized the National Level Technical symposium “INFRAZ 2K19” on 24 September 2019. **Mr.K.Baskar, Associate Professor, Department of Civil Engineering, CMR Institute of Technology, Hyderabad** inaugurated the function and share his Experience and Knowledge with the Students. He gave a speech which is truly inspiring and motivational. Students from various colleges participated and presented their project. Out of 32 papers 16 Papers from various colleges were presented. The prize winners received cash prizes from the Management and the Chief guest.



GUEST LECTURES

Guest Lectures were conducted by the experts from the respective field to the students for their improvement in their Academic Performance.

S.No	Topic	Resource Person	Participants	Date
1.	Prestressed Concrete Structures	Mr. T.Sarathivelan Assistant Professor Knowledge Institute of Technology, Salem	IV-Civil	14.08.2019 (FN)
2.	Foundation Engineering	Mr. T.Sarathivelan Assistant Professor Knowledge Institute of Technology, Salem	III-Civil	14.08.2019 (AN)

TRAINING PROGRAMMES

Various Training programmes were conducted to widen the Knowledge of students beyond the Syllabus.

S.No	Topic	Resource Person	Participants	Date
1.	Value Added Course Software skills of civil Engineering	Mr.K.Sudhakar, Propertier CADD MENTORS, Hosur	65	15.07.19 & 16.07.19

PROFESSIONAL BODIES

The **Indian Concrete Institution of engineers (ICI)** students' chapter under Civil division provides knowledge through seminars and guest lectures through various platforms.

ICI Technical Seminar

S. No	Name of the Resource Person	Name of the Topic	Date	Venue/Place
External Resource Person				
1.	Mr.G.Mohanavizhiyan, Head & Senior trainer, Presto Institute, Salem.	Hands on training on advanced surveying	29.08.19	Auditorium
2	Dr.S.Jayachandran Ph.D Vice-President Marutham Builders and Promoters, Chennai. Dr.S.Thirugnanam Ph.D IRTT, Erode	Resource Management in Construction	03.08.19	Auditorium



PROFESSIONAL BODY MEMBERS

S.No	Faculty Name	Professional Body
1	R.Karthikeyan	IEI, AESI SAE and ISTE
2	S.Rameshwari	ICI,IRDE
3	G.Vasudevan	ISTE, IARE
4	B.Perumal	ISTE
5	S.Lalitha	IRDE

FACULTY ACHIEVEMENTS



Mrs.B.Sowmiya, Assistant Professor/Civil got “SILVER AWARD” from Quality Concepts for Cultural Breakthrough Programme during the academic year 2019-2020.

Faculty Publications

Sl. No	Title of Publication	Name of the Author	Journal/ conference	Volume No, Issue No and ISSN No., Month and Year of publishing
1	An Experimental study on the partial replacement of Coarse & Fine Aggregate by Perlite, Leca & Quarry Dust	S.Rameshwari	IJAEMA Journal	Vol.XI, issue XII, Dec 2019, ISSN 0886-9367

FACULTY DEVELOPMENT PROGRAMME

S.No	Title	Topic	Resource Person	Participants	Date
1.	3 days Program	Teaching Techniques with Gamification	Mr.Jin Jinu ICT Academy	Mr.G.Vasudevan Mrs.S.Rameshwari	17.02.20 to 19.02.20
2.	1 Day Workshop	Innovative Ideas for Students Research		Mrs.S.Lalitha Mrs.S.Rameshwari	06.09.19

STUDENT ACHIEVEMENTS:

Prize Winners (2019-2020)

1. Mr.E.Krishnamoorthy, Final Year Civil Engineering won Third Place in Techkathon- 19 in PMC Tech.
2. Mr.Eshwaran.G, Final Year Civil Engineering won Third Place in Techkathon- 19 in PMC Tech.
3. Mr.Nandheesh.C, Final Year Civil Engineering won Third Place in Techkathon- 19 in PMC Tech.

STUDENT ACTIVITIES:

S.No.	Title	Student Name		Event	Date
1	Techkathon- 19 (Star Performer)	a)	KRISHNAMOORTHY.E	PMC Tech, Hosur	06.09.2019 to 07.09.2019
		b)	ESHWARAN.G		
		c)	NANDHEESH.C		
2	Workshop on “Digital land Survey using Total Station”	a)	ESHWARAN.G	PRESTO Land Survey Institute	29.08.2019
3	Seminar on “Construction & Demolition (C&D) waste in India : Issues, Challenges & Low cost Solutions”	a)	ESHWARAN.G	SONA College of Technology	26.08.2019
		b)	NANDHEESH.C		
4	Implant Training	a)	U.ALIVA BARIK	M/s Capacite Company Pvt.Ltd., Kurubarapalli	11.12.2019 to 21.12.2019
		b)	G.ESWARAN		
		c)	K.GOWTHAMI		
		d)	C.NANDHESSH		
		e)	A.K.SANTHOSH KUMAR		
		f)	K.S.PRABHAKARBHARATHI		
		g)	D.SHALINI		
		h)	R.BHUVANESHWARI		
5	Implant Training	a)	J.KARTHICK	SGIR Company, Hosur	09.12.2019 to 15.12.2019
		b)	P.KARTHICK		
		c)	K.JAGAN		
		d)	P.SANDEEP		
		e)	V.VASANTHKUMAR		
		f)	C.SRITHARAN		
		g)	M.SANJAYKUMAR		

CIVILANS CLUB ACTIVITIES

Our department is conducting extra co-curricular activities under NSS to improve student's exposure and knowledge in outside world on serving the Society. Our Students organized an eye camp for the people in Royakotta on 14.07.2019.

Eye Camp:




INDUSTRIAL VISIT

NAME OF THE INDUSTRY	PLACE	Participants	DATE OF VISIT
Common effluent treatment plant, SIPCOT Perundurai,	Erode	II year, III year & IV year	29.01.20
M/s. KATERRA CONSTRUCTION, 231/A, Vinayagapuram village, Kurubarapalli	Krishnagiri	II year, III year & IV year	27.07.19
M/s. ARTO Precast Concrete, Uthanapalli	Krishnagiri	II year, III year & IV year	03.07.19






PLACEMENT 2019-2020

Chettinad Cements Corporation, Chennai

S.No	Name of the Student	Designation	CTC (Rs.)	Photo
1	C.Nandheesh	Application Engineer	1,00,000	

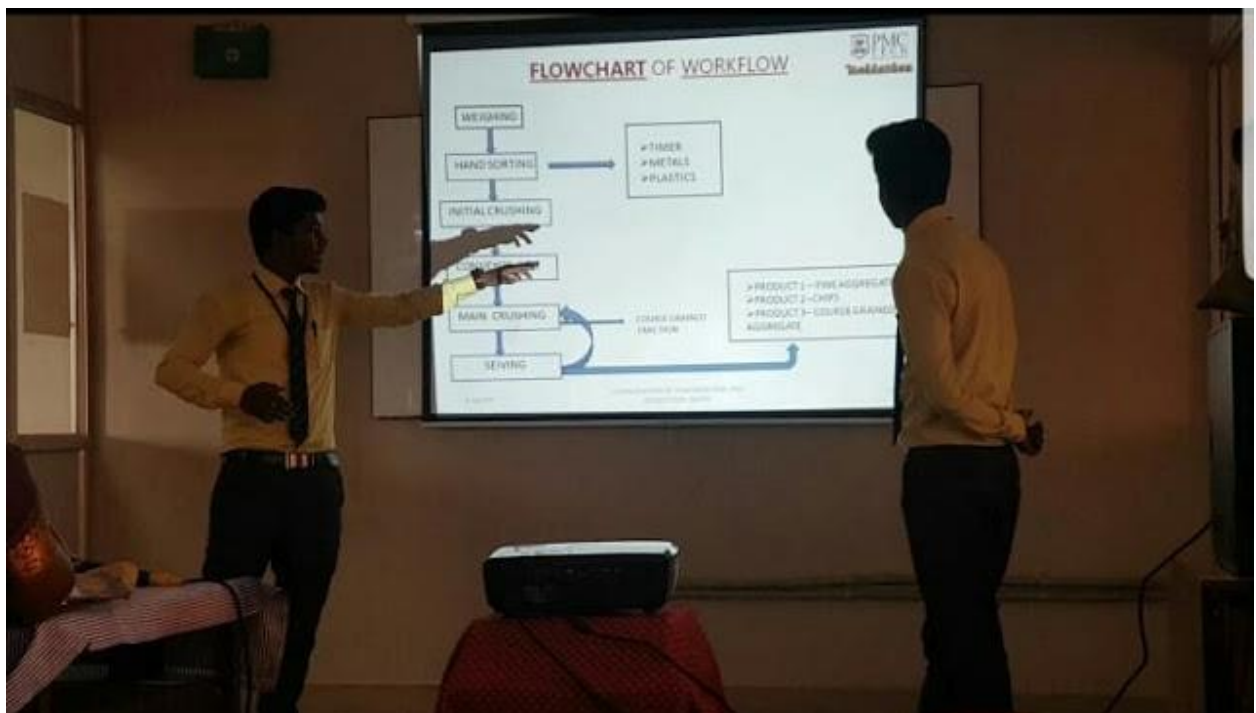
MSteel Detailing Services, Hosur

S.No	Name of the Student	Designation	CTC (Rs.)	Photo
1	G.Eswaran	Trainee-Detailer	1,00,000	
2	K.S.Prabhakar Bharathi	Trainee-Detailer	1,00,000	
3	R.Bhuvaneshwari	Trainee-Detailer	1,00,000	

GALLERY



Nandeesh.C & Eswaran.G, Final Year receiving Star Performer award in Techkathon-19



Students presenting paper in Techkathon-19



Nandheesh.C, Final Year receiving Student Performance Award



Gowthami.R, Third Year receiving Academic Performance Award



SOIL MECHANICS LABORATORY



CONCRETE & HIGHWAY LABORATORY



ENVIRONMENTAL ENGINEERING LABORATORY