

PMC – CIVIL
ANNUAL NEWS LETTER
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Er.PERUMAL-Chairman

Patrons:

Shri. P. Kumar- Secretary & Correspondent

Smt. P. Mallar- Trustee

Smt. S. Sasirekha- Trustee

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Dr.S.Chitra-Principal

HOD

Prof A. Sudhahar

Editor:

Mrs. N.Jeevitha,M.E

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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.R.Karthikeyan,
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

To impart high quality education and bring up self-disciplined, professional and socially committed engineers with global standards.

Mission

- ❖ To impart quality education to provide technical knowledge with emphasis on practical applications.
- ❖ To offer a conducive atmosphere for nurturing professional ethics and social values in the young engineers.
- ❖ To provide adequate support for research and consultancy to address industry requirements.

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 2K17

Department of Civil Engineering organized the National Level Technical symposium “INFRAZ 2K17”. Mr. B.Suresh, All India Technical Head, Chettinad Cement Corporation Pvt. Ltd., Chennai inaugurated the function. 24 Papers from various colleges were presented.





TECH EXPO 2K18

Our department of Civil Engineering conducted Technical exhibition, nearly 20 projects were displayed among them 5 are innovative models. The inaugural was taken over by the chief guest Mr. Venkateswarlu Karodi, Scientist, Materials Science Division, NAL, Bangalore. Our Final year students conducted tests and experiments of their models for accurate results to the students of various schools and colleges.





GUEST LECTURES

S.No	Topic	Resource Person	Participants	Date
1.	Estimation & Quantity Surveying	Mr. T.Sarathivelan Associate Professor Knowledge Institute of Technology Salem	IV-Civil	14.09.2017



TRAINING PROGRAMMES

S.No	Topic	Resource Person	Participants	Date
1.	Pre Employment Training Programme			
i)	How to read drawings	Dr.A.Sudhakar/ Er.Mathan	II Year III Year IV Year	05.02.18
ii)	Personality Development	Mr.James Vineeth	II Year III Year	06.02.18

			IV Year	
iii)	Basic Structural Design, Structural Detailing	Dr.A.Sudhakar/ Er.Mathan	II Year III Year IV Year	07.02.18
iv)	Total Station	Er.Naveen & Co.	II Year III Year IV Year	08.02.18
v)	Engineering Finance & Management, Safety, Quantity Surveying	Er.Mathan/ Mr.C.A.Muruganantham	II Year III Year IV Year	09.02.18
vi)	MS Excel/ MS office	Er.Elanthendral	II Year III Year IV Year	10.02.18
vii)	Industrial Visits/ Activities & Projects	Dr.A.Sudhakar	II Year III Year IV Year	12.02.18 to 20.02.18
viii)	Internal Assessment	Dr.A.Sudhakar/ Er.Thendral	II Year III Year IV Year	21.02.18





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 Guest Lectures

S. No	Name of the Resource Person	Name of the Topic	Date	Venue/Place
External Resource Person				
1.	Mr. Vasudev Moorthy, Tools Academy, Bangalore	Construction Management	28.12.17	Auditorium



PROFESSIONAL BODY MEMBERS

S.No	Faculty Name	Professional Body
1	R.Karthikeyan	IEI, AeSI SAE and ISTE
2.	D.Kumaraguru	ICI
3.	G.Anandsudhan	ICI
4.	S.Rameshwari	ICI

FACULTY ACHIEVEMENTS

Best Faculty award



Prof.R.Karthikeyan HoD/Civil got “IEI BEST FACULTY ADVISOR AWARD” from IEI students Chapter activities during the academic year 2015-2016.

Faculty Publications

Si. No	Title of Publication	Name of the Author	Journal/conference	Volume No, Issue No and ISSN No., Month and Year of publishing
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1	Multiscale Modeling of Concrete for determining concrete creep compliance	M.Alaguraj S.Lalitha C.Divyapriya	International Journal of Engineering sciences & Research	Vol.6, issue 11, NOV 2017, ISSN 2277-9655
2	Experimental study on use of waste glass powder as partial replacement to cement in concrete	M.Alaguraj S.Lalitha C.Divyapriya	International Journal of Engineering sciences & Research	Vol.6, issue 10, OCT 2017, ISSN 2277-9655
3	Kodambae: indigenous Grain Storage Structure	M.Alaguraj S.Lalitha C.Divyapriya	International Journal of Modern trend in engineering & science	Vol.4, issue 8, AUG 2017, ISSN 2348-3121

FACULTY DEVELOPMENT PROGRAMME

S.No	Title	Topic	Resource Person	Participants	Date
1.	5 days program	Yoga For Peace and health	Mrs.Thamarai selvi	Mr.R.Karthikeyan Mrs.S.Rameshwari	08.01.18 to 12.01.18
2.	NPTEL workshop	NPTEL awareness programme	Dr.Andrew Thangaraj, IIT madras	Mr.D.Kumaraguru Mrs.S.Rameshwari	23.08.17
3.	Mission 10X	Teaching methodology	Mr.Bhuvan sundar WIPRO	Mr.D.Kumaraguru Mrs.S.Rameshwari	12.07.17 to 14.07.17
4.	1 day seminar	5S for Faculties	Mr. D. Eregamani Asst General Manager & Head - TQM Carborundum Universal Ltd., (Muruggappa Group)	Mr.R.Karthikeyan Mr.D.Kumaraguru Mrs.S.Rameshwari	13.06.2017

STUDENT ACHIEVEMENTS:

TECHNICAL QUIZ AWARD



Mr. Bhimkanth Bhandari & Mr. A.R. Vigneshwar of B.E Civil have secured **FIRST RANK** in Technical Quiz in NSIT of 2017-2018.

STUDENT ACTIVITIES:

S.No.	Title	Student Name	Event	Date
1	Circular Runway	a) S.Sudhakar	Tech expo 2018-	22 & 23 Feb'18
		b) K.R.Madhan		
		c) S.Thamizh		
		d) S.Desinghrajn		
		e) P.Singaravelan		
2	Double Ducker Flyover	a) R.Bargavan	Tech expo 2018-	22 & 23 Feb'18
		b) R.Arunkumar		
		c) C.Suryavishnu		
		d) G.Sarathkumar		
		e) M.Muthukumar		
3	Arch Dam	a) S.Sanjaykumar	Tech expo 2018	22 & 23 Feb'18
		b) R.R.Dineshkumar		
		c) R.Prabhu		
		d) M.Nareshkumar		
4	U-Boot technology in construction	a) K.Jothilingam	Tech expo 2018	22 & 23 Feb'18
		b) R.Tejas		
		c) V.Parthiban		
		d) P.Anbalagan		
		e) M.Wasim Sherif		
5	Thermal resisting building	a) N.Venkatachalam	Tech expo 2018	22 & 23 Feb'18
		b) H.Sarath		
		c) V.Vinothkumar		
		d) S.Vijayasurya		
		e) S.Jeevan		
6	Smart City	a) K.Vijayaragavan	Tech expo	

		b)	S.Santhoshkumar	2018	22 & 23 Feb'18
		c)	M.Sabarinathan		
		d)	J.Parthiban		
		e)	B.Majunath		
7	Green Building	a)	C.Sathishkumar	Tech expo 2018	22 & 23 Feb'18
		b)	N.Mohammed Zuhair		
		c)	S.Praveen		
		d)	B.Praveenkumar		
		e)	K.H.Udhayamoorthy		
8	Hydraulic bridge	a)	C.Uma Maheshwari	Tech expo 2018	22 & 23 Feb'18
		b)	B.Vinothini		
		c)	B.Shilpa		
9	Rapid sand Filter	a)	M.Meenatchi	Tech expo 2018	22 & 23 Feb'18
		b)	T.Pavithra		
		c)	C.Akalya		
		d)	N.Vinutha		
10	Hilly train	a)	S.Sowbakiya	Tech expo 2018	22 & 23 Feb'18
		b)	R.Priyanka		
		c)	R.Sangeetha		
		d)	M.Poongodi		
11	Zero Energy building	a)	G.S.Jayashree	Tech expo 2018	22 & 23 Feb'18
		b)	S.Divyavardhini		
		c)	R.Padma		
		d)	E.Nila		
12	Marble Roller Closter	a)	Anjana Mohandas	Tech expo 2018	22 & 23 Feb'18
		b)	D.Anushpriya		
		c)	M.Shermilakumari		
13	Plastic Sand Brick	a)	E.Krishanmoorthy	Tech expo 2018	22 & 23 Feb'18
		b)	M.Muniyappan		
		c)	R.Moorthi		
		d)	C.Nandheesh		
		e)	S.Vignesh		

14	Smart City	a)	S.Gokulnath	Tech expo 2018	22 &23 Feb'18
		b)	G.Eswaran		
		c)	Mohammed Mousim		
		d)	B.Tamilselvan		
15	Mobile Homes	a)	D.Prasanth	Tech expo 2018	22 &23 Feb'18
		b)	R.Suresh		
		c)	Akash		
		d)	M.Madhan		
		e)	A.Naveen		
16	Rotating Bridge	a)	A.Santhosh Kumar	Tech expo 2018	22 &23 Feb'18
		b)	Prabhakar Bharathi		
		c)	N.bharathi		
		d)	K.Sheikeleyas		
		e)	S.Sathyamoorthi		
17	Hydraulically assisted bridge	a)	Y.Rajendra	Tech expo 2018	22 &23 Feb'18
		b)	M.Prabhakar		
		c)	D.murugan		
		d)	R.Sridhar		
18	Dome Structure	a)	U.AlivaBarik	Tech expo 2018	22 &23 Feb'18
		b)	G.Subashree		
		c)	R.Bhuvaneshwari		
		d)	M.Chandini		
19	Laurie Bakers Home	a)	K.gowthami	Tech expo 2018	22 &23 Feb'18
		b)	D.Shalini		
		c)	D.Bargavi		
		d)	S.Fathimabee		
20	Workshop on Special Concretes for Special Construction	a)	S.Vijayasurya	ACCE, Chennai	9 th Sep'17
		b)	V.Vinothkumar		
		c)	N.Venkatachalam		
		d)	H.Sarath		
		e)	P.Singaravelan		
		f)	C.Suryavishnu		

Student Internship:

- ❖ Mr.K.Gowtham, Mr.M.Harishkumar, Mr.A.Rajesh, Mr.B.Manjunath & Mr.J.Sabariraja have undergone 10 Days Internship Program from December 2017 at Bharath Pvt. Ltd., Salem.

- ❖ Mr.S.Bhimakant Bhandari has attended 10 Days Internship Program from December 2017 at Skyfy Labs (Total Station), Bangalore.

CIVILANS CLUB ACTIVITIES

Our department conducting extra co-curricular activities under Aerospace club to improve student's exposure and knowledge and communication skills.

Debate on Modern Construction & Ancient Construction



INDUSTRIAL VISIT


NAME OF THE INDUSTRY	PLACE	Participants	DATE OF VISIT
R.R.Construction Pvt.Ltd.,	Udthanapalli	IV year	18.08.2017
Drip & Sprinkled Irrigation	Denkanikottai	IV year	23.08.2017

Kelaverapalli Dam	Thalli	IV year	19.09.2017
Ashok Leyland	Hosur	III year	28.09.2017
PWD, Hosur	Thalli	III year	04.10.2017






PLACEMENT 2017-2018








Southernland Pvt. Ltd., Chennai

S.No	Name of the Student	Designation	CTC (Rs.)	Photo
1	K.R.Manju Yadaav	Trainee	1,44,000	


Geo Adhithya Tech Pvt., Ltd., Chennai



S.No	Name of the Student	Designation	CTC (Rs.)	Photo
1	A.R.Vigneshwar	Trainee	1,20,000	
2	M.Rajkumar	Trainee	1,20,000	
3	G.Kumaresan	Trainee	1,20,000	

Euraka Probs., Chennai

S.No	Name of the Student	Designation	CTC (Rs.)	Photo
1	P.Vasanth Kumar	Trainee	1,20,000	
2	S.Manjunath	Trainee	1,20,000	
3	M.Srinath	Trainee	1,20,000	
4	M.Sivakumar	Trainee	1,20,000	
5	D.Geetha	Trainee	1,20,000	
6	R.S.Akshaya Nadhini	Trainee	1,20,000	
7	V.Divya	Trainee	1,20,000	

National Transport Company (Logistics), Chennai

S.No	Name of the Student	Designation	CTC (Rs.)	Photo
1	P.Vinoth Kumar	Trainee	1,20,000	

2	M.Pavishya	Trainee	1,20,000	
3	G.Sangeetha	Trainee	1,20,000	

GALLERY





SOIL MECHANICS LABORATORY



CONCRETE & HIGHWAY LABORATORY



ENVIRONMENTAL ENGINEERING LABORATORY