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Dr. MAHALINGAM MCET
COLLEGE OF ENGINEERING AND TECHNOLOGY
Enlightening Technical Minds

Dr.Mahalingam College of Engineering and Technology

(An Autonomous Institution)

Pollachi

Department of Civil Engineering







OurVoice

[Newsletter]

Volume 03 Issue 01 Nov 2024

About MCET

Dr. Mahalingam College of Engineering and Technology (MCET) was established in the year 1998 by Dr. M. Manickam with a view to commemorate the 75th birthday of his beloved father Arutchelvar Dr. N. Mahalingam with a mission to impart high quality competency based education in Engineering & Technology to the younger generation to acquire the required skills and abilities to face the challenging needs of the industry around the globe. MCET is a self-financing, co-educational Autonomous Engineering College and it is approved by All India Council for Technical Education (AICTE), New Delhi & affiliated to Anna University, Chennai. The Institution has been accredited by NAAC with A++ grade and all eligible UG Programmes are accredited by NBA. MCET currently offers 12 UG 6 PG and 7 doctoral Programmes in Engineering, Technology and Science.

About the Department

Civil Engineering is the oldest engineering discipline that deals with the planning, design, construction and maintenance of the physical and natural built environment, including works like buildings, bridges, canals, dams and roads. The department of Civil Engineering at MCET was started in the year 2007 with B.E. – Civil Engineering Program and extended in 2012 for Post Graduate program in M.E. – Structural Engineering.

The Department of Civil Engineering at MCET has highly qualified and experienced faculty in diversified domains which helps to enlighten the young minds of students in the theoretical and experimental aspects. Department has state-of-art infrastructural facilities which provide expertise and facility to work on emerging technologies. In a nut shell the department is well nurtured to cater the needs of education through industry oriented curriculum, research, consultancy, co-curricular and extra-curricular programs for the career enhancement of the students.

VISION

To develop Competent Civil Engineers to meet the infrastructure challenges of India and the world.

MISSION

- To become one of the reputed departments offering Civil Engineering Program in the country.
- To produce excellent engineers to cope up with the changes through dynamic, innovative and flexible curriculum.
- To provide a conducive environment for teaching & learning and to develop leaders with effective communication skills.
- To conduct quality research driven by industry & societal needs and provide affordable engineering solutions in an ethical way.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO 1 Graduates who effectively demonstrate engineering knowledge, problem solving skill, design capabilities and entrepreneurial skills by providing practical solution.

PEO 2 Graduates who effectively demonstrate professionalism in multi-disciplinary engineering environment, leadership quality, teamwork and engage in life-long learning.

PEO 3 Graduates who demonstrate an ethical commitment to the community and the profession through involvement with professional societies.

PEO 4 Graduates who make contributions to knowledge an establish best engineering practice through research and development.

PROGRAMME OUTCOMES (POs)

PO1. Engineering knowledge: Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization in the field of Civil Engineering.

PO2. Problem analysis: Identify, formulate, analyse and solve complex problems in construction industries using principles of mathematics, natural sciences and engineering sciences.

PO3. Design/development of solutions: Design a solution for complex civil engineering problems and design system processes to meet specific needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

PO4. Conduct investigations of complex problems: Conduct investigations of complex problems including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusion.

PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7. Environment and sustainability: Understanding the impact of engineering solutions in social environment and demonstrate the knowledge for sustainable expansion.

PO8. Ethics: Apply ethical principles and commit to professional ethics and the norms of engineering practices.

PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.

PO10. Communication: Communicate with engineers and society to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions related to civil engineering professionals.

PO11. Project management and finance: Demonstrate and apply the knowledge of engineering and management principles to one's own work, as a team leader or a member to manage project in multidisciplinary environments.

PO12. Life-long learning: Recognize the need for, and have the ability to engage in independent and life-long learning in the context of technological change.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

PSO1. Problem Analysis: Able to arrive solutions to real time problems related to various domains of civil engineering through problem solving skills.

PSO2. Design and Management: Able to design systems, components and processes considering safety, quality and cost consideration and able to prepare project documents, engineering drawings and construction schedules

Department Milestones

NBA Committee Visited the Department from 26.07.2024 to 28.07.2024 and accredited Department of Civil Engineering for 3 years with the highest score.



Centre of Excellence

EKKI
WATER TECHNOLOGIES





BOSCH

Student Achievements

S. No	Roll No	Name of the Students	Event Details	Participation / Awarded (First/Second/Third Prize)	Organizer and Place of program	Date
1	727621BCE020	Devatharshini R	SketchUp	First Prize	NXTech 24 -Dr. Mahalingam College of Engineering and Technology, Pollachi	20.08.2024
2	727621BCE021	Aravind.A	SketchUp	First Prize	NXTech 24 -Dr. Mahalingam College of Engineering and Technology, Pollachi	20.08.2024
3	727621BCE022	Kishore P	SketchUp	First Prize	NXTech 24 -Dr. Mahalingam College of Engineering and Technology, Pollachi	20.08.2024
4	727621BCE030	Manikandan. R	Blueprint Bash	Second Prize	NXTech 24 -Dr. Mahalingam College of Engineering and Technology, Pollachi	19.08.2024
5	727621BCE033	Dhiwakar K	Blueprint Bash	Second Prize	NXTech 24 -Dr. Mahalingam College of Engineering and Technology, Pollachi	19.08.2024
6	727622BCE324	Vimal M	Blueprint Bash	Second Prize	NXTech 24 -Dr. Mahalingam College of Engineering and Technology, Pollachi	19.08.2024
7	727622BCE304	Abinanthan S	SketchUp	Second Prize	NXTech 24 -Dr. Mahalingam College of Engineering and Technology, Pollachi	19.08.2024
8	727622BCE318	Sharan J	SketchUp	Second Prize	NXTech 24 -Dr. Mahalingam College of Engineering and Technology, Pollachi	19.08.2024
9	727622BCE325	Sathish Kumar K	SketchUp	Second Prize	NXTech 24 -Dr. Mahalingam College of Engineering and Technology, Pollachi	19.08.2024
10	727623bce308	Akilesh S	Blueprint Bash	First Prize	NXTech 24 -Dr. Mahalingam College of Engineering and Technology, Pollachi	19.08.2024
11	727623bce311	Sameenaa Mubbin N	Blueprint Bash	First Prize	NXTech 24 -Dr. Mahalingam College of Engineering and Technology, Pollachi	19.08.2024

Student Achievements

S. No	Roll No	Name of the Students	Event Details	Participation / Awarded (First/Second/Third Prize)	Organizer and Place of program	Date
12	727622BCE017	Pon Ragul N	Blueprint Bash	First Prize	NXTech 24 -Dr. Mahalingam College of Engineering and Technology, Pollachi	19.08.2024
13	727622BCE030	Manohar S G	Blueprint Bash	Third Prize	NXTech 24 -Dr. Mahalingam College of Engineering and Technology, Pollachi	19.08.2024
14	727623BCE010	Akila Shree K	Workshop on Advances in Alternative Construction Materials for Structural Applications	-	PSG College of Technology, Coimbatore	27.11.2024 & 28.11.2024
15	727624BCE303	Mohammed Tawfeeq M		-		
16	727623BCE007	Subashree R		-		
17	727624BCE304	Ajay Kumar M		-		
18	727624BCE311	Lakshmi Narayanan S		-		
19	727624BCE305	Sanjay S		-		
20	727623BCE015	Rithanya S		-		
21	727623BCE028	Aaharshana B	Synposium	-	PSG College of Technology, Coimbatore	05.10.2024 & 06.10.2024
22	727624BCE311	Lakshmi Narayanan S	One day seminar on “Utilization of E-waste as alternative construction materials	-	Dr.N.G.P Institute of Technology, Coimbatore	18.10.2024
23	727624BCE308	Sanjay Sivaguru N		-		
24	727624BCE309	Sanjay Saravanan S		-		

Student Achievements



CERTIFICATE
OF ACHIEVEMENT

THIS IS TO CERTIFY THAT

DHIWAR K IV - CIVIL
HAS ACTIVELY PARTICIPATED IN THE
BLUEPRINT BASH
AND HAS SECURED II nd PLACE
AT NXTECH '24, AN INTRA COLLEGE TECHNICAL SYMPOSIUM
ORGANIZED BY STUDENT RESEARCH COUNCIL HELD ON 19th & 20th
AUGUST 2024

Dr. S. Ramakrishnan, Dean R&I | Dr. A. Senthil Kumar, Dean A&A | Dr. P. Govindasamy, Principal



CERTIFICATE
OF ACHIEVEMENT

THIS IS TO CERTIFY THAT

DEVATHARSHINI.R IV civil
HAS ACTIVELY PARTICIPATED IN THE
SKETCHUP
AND HAS SECURED 1st PLACE
AT NXTECH '24, AN INTRA COLLEGE TECHNICAL SYMPOSIUM
ORGANIZED BY STUDENT RESEARCH COUNCIL HELD ON 19th & 20th
AUGUST 2024

Dr. S. Ramakrishnan, Dean R&I | Dr. A. Senthil Kumar, Dean A&A | Dr. P. Govindasamy, Principal



CERTIFICATE
OF ACHIEVEMENT

THIS IS TO CERTIFY THAT

SATHISHKUMAR.K IV Civil
HAS ACTIVELY PARTICIPATED IN THE
SKETCHUP
AND HAS SECURED 2nd PLACE
AT NXTECH '24, AN INTRA COLLEGE TECHNICAL SYMPOSIUM
ORGANIZED BY STUDENT RESEARCH COUNCIL HELD ON 19th & 20th
AUGUST 2024

Dr. S. Ramakrishnan, Dean R&I | Dr. A. Senthil Kumar, Dean A&A | Dr. P. Govindasamy, Principal



CERTIFICATE
OF ACHIEVEMENT

THIS IS TO CERTIFY THAT

PON RAGUL N III rd -CIVIL
HAS ACTIVELY PARTICIPATED IN THE
BLUEPRINT BASH
AND HAS SECURED 1st PLACE
AT NXTECH '24, AN INTRA COLLEGE TECHNICAL SYMPOSIUM
ORGANIZED BY STUDENT RESEARCH COUNCIL HELD ON 19th & 20th
AUGUST 2024

Dr. S. Ramakrishnan, Dean R&I | Dr. A. Senthil Kumar, Dean A&A | Dr. P. Govindasamy, Principal

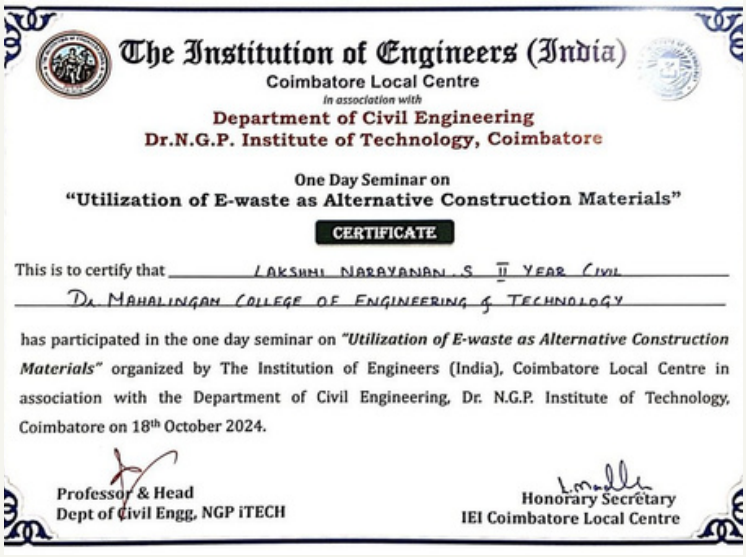


PSG COLLEGE OF TECHNOLOGY, COIMBATORE – 641004
Department of Civil Engineering
National Workshop on
"Advances in Alternative Construction Materials for Structural Applications"
September 27-28,2024

Certificate of Participation

This is to certify that AKILA SHREE K
of Dr. MAHALINGAM COLLEGE OF ENGINEERING AND TECHNOLOGY has attended the National workshop on "Advances in Alternative Construction Materials for Structural Applications" during September 27-28, 2024 held at PSG College of Technology, Coimbatore

Dr S Sharmila, Asst. Professor(Sl.Gr.), PSG College of Technology
Dr S Praveen Kumar, Associate Professor, PSG College of Technology
Dr M Palanikumar, HoD-Civil Engineering, PSG College of Technology
Dr K Prakasan, Principal, PSG College of Technology



The Institution of Engineers (India)
Coimbatore Local Centre
in association with
Department of Civil Engineering
Dr.N.G.P. Institute of Technology, Coimbatore

One Day Seminar on
"Utilization of E-waste as Alternative Construction Materials"

CERTIFICATE

This is to certify that LAKSHMI NARAYANAN.S II YEAR CIVIL
Dr. MAHALINGAM COLLEGE OF ENGINEERING & TECHNOLOGY
has participated in the one day seminar on *"Utilization of E-waste as Alternative Construction Materials"* organized by The Institution of Engineers (India), Coimbatore Local Centre in association with the Department of Civil Engineering, Dr. N.G.P. Institute of Technology, Coimbatore on 18th October 2024.

Professor & Head, Dept of Civil Engg, NGP iTECH
Honorary Secretary, IEI Coimbatore Local Centre

EVENTS ORGANISED






Inauguration of beavers association & Guest lecture on “Charting your future: Career prospects in Civil Engineering” on 21.08.2024



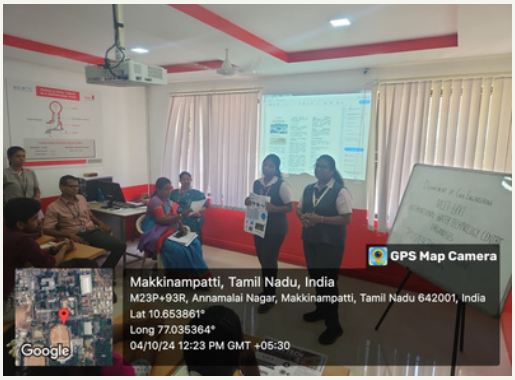



Course Specific Guest Lecture on "Role of NGOs and GIS in Slum Clearance" on 27.08.2024





TECHTRIX ’24 - Quiz Competition & Video presentation on 25.09.2024

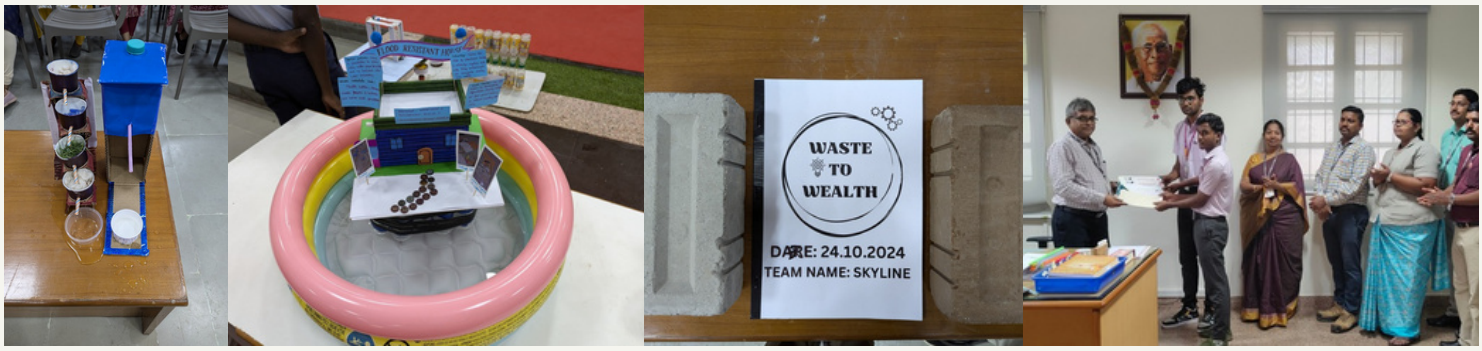






Poster Presentation on 02.10.2024

EVENTS ORGANISED



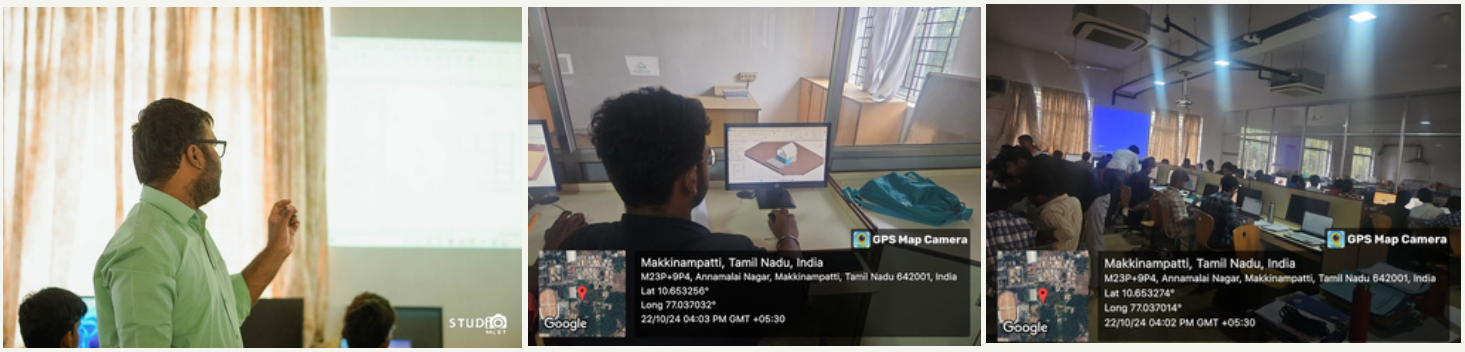
Waste to Wealth- A Model Making Contest on 09.10.2024



MCET Tridimen- A 3D View of MCET on 09.10.2024



Lecture on "Higher Education Opportunities Abroad" on 18.10.2024



Workshop on “BIM-Revit Architecture” for IV year B.E-Civil Engineering students from 21.10.2024 to 25.10.2024

Industrial Visits





Industrial Tour for 3rd year B. E. Civil Engineering students to the Industries: Brick & Earth Infratech Ltd, Bangalore & Good Earth Infra Pvt. Ltd, Bangalore on 19.09.2024 & 20.09.2024. Students also visited Krishna Raja Sagar Dam on 21.09.2024.





One day Industrial Visit to Sholaiyar Dam for II-year B. E. Civil Engineering students on 30.08.2024.





An exhibition visit for II and III year B. E. Civil Engineering students to "CONFEST 2024" conducted by COZCENA & CRIC on 28.09.2024

Alumni Event

ALUMNI GUEST LECTURE ON "OPPORTUNITIES FOR CIVIL ENGINEERS" for II and III-year students of B.E-Civil Engineering











PLACEMENT


MCET
Dr. MAHALINGAM
COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF CAREER PLANNING & GUIDANCE
Congratulations to
VISHNU VARTHAN M
727621BCE012
MEGANATHAN K
727621BCE006
KAVIYARASAN S
727621BCE028
E.VAIRAVEL
727622BCE305
ILANCHEZHIAN U
727621BCE010
ROOBIGA J
727622BCE323
for getting placed in
Ayari
www.drmcet.ac.in
*2025 BATCH


MCET
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ENLIGHTENING TECHNICAL MINDS
DEPARTMENT OF CAREER PLANNING & GUIDANCE
Congratulations
Kheerthanaa A
20BCE004R
Devatharshini R
727621BCE020
Aravind A
727621BCE021
Manikandan R
727621BCE030
Sathish Kumar K
727622BCE325
Dinesh Kumar R
727622BCE322
Dhananjayakumar C M
727621BCE014
Kishore P
727621BCE022
Abinanthan S
727622BCE304
for getting placed in
CUBE ENGINEERS
(Chartered Engineer & Registered Valuer)
www.drmcet.ac.in
*2025 BATCH


MCET
COLLEGE OF ENGINEERING AND TECHNOLOGY
ENLIGHTENING TECHNICAL MINDS
DEPARTMENT OF CAREER PLANNING & GUIDANCE
Congratulations!
Meganathan K
727621BCE006
Harshith J
727621BCE007
Sasidharan S
727622BCE313
Aravind R
727621BCE019
Kishore P
727621BCE022
Dinesh Kumar R
727622BCE322
Abinanthan S
727622BCE304
Poovitha N
727621BCE018
Devatharshini R
727621BCE020
Roobiga J
727622BCE323
Prasath S
727621BCE002
Ilanchezhian U
727621BCE010
Dhananjayakumar C M
727621BCE014
Vasudevan K
727622BCE321
Aravind A
727621BCE021
Dinesh R
727622BAU308
Nivash S
727621BEE062
Ram Prashanth R V
727621BEC002
Karthik T
727621BEC008
Sridhar M
727622BME330
Jayashurya N
727622BME328
Anbarasan U
727621BME067
for getting placed in
ZENUS GROUP
*2025 Batch

FACULTY ACHIEVEMENTS

FDP/Paper publication/Online Courses:

S.No	Name	Designation	Online Course Completed / FDP / Publication
1	Dr. N. Natarajan	Prof.	Published a paper titled “Revolutionizing EV battery cooling: Innovative hybrid nanofluid solution in an inverted right-angled triangular porous cavities for enhanced thermal regulation via natural convection”
			Published a paper titled “A Simple Computer Code for Result Analysis of University Graduates”
			Published a paper titled “Numerical analysis on the fate and transport of TiO2 nanoparticles in fractured porous media: Addressing intrinsic heterogeneities in sorptive mass transfer”
			NPTEL Course on “Patent Search for Engineers and Lawyers”.
2	Dr. K. Srinivasan	AP (SS)	Published a paper titled “Investigation of the Efficiency of coir husk ash as road soil stabilizer”
			Published a paper titled “A Performance study of prestressed concrete beams reinforced with bamboo fibers (BFR) and sisal fiber (SFR)
3	Dr. S. Krishna Kumar	AP (SS)	Published a paper titled “Drought Vulnerability Assessment using GIS and Remote Sensing Techniques: A Case study in part of Coimbatore”
			Published a paper titled “Focusing the removal of dyes from wastewater effluents
			NPTEL Course on “Performance Traditions of the Mahabharata in Tamil Nadu”
			NPTEL Course on “Accreditation and Outcome Based Learning”
4	Mr.A.Manikandan	AP (SS)	Artificial intelligence and machine learning in civil engineering”
4	Mr. S. Syed Masoodhu	AP (SS)	NPTEL Course on “Patent Search for Engineers and Lawyers”
5	Mr. P.S.Sathish Kumar	AP (SS)	NPTEL Course on “Building Materials as Corner stone to sustainability”
			Published a paper titled“Examining foundry sand’s potential as a partial substitute for M-Sand through experimental and numerical research”
6	Mr.S.Dineshkumar	AP	NPTEL Course on “Patent Search for Engineers and Lawyers”
6	Mrs. S. Suthaviji	AP	Published a paper on “Strength and durability studies on concrete using cashew nut shell ash (CNSA) waste as supplementary materials
			Pleurotus ostreatus mycelium biofilters: A sustainable approach for thermal insulation in buildings
			NPTEL Course on “Building Materials as Corner stone to sustainability”
7	Mr.M.Sudharsanan	AP	Published a paper titled “A Performance study of prestressed concrete beams reinforced with bamboo fibers (BFR) and sisal fiber (SFR)
8	Ms.R.Anuja	AP	Published a paper titled “Investigation of the Efficiency of coir husk ash as road soil stabilizer”
			Published a paper titled “A Performance study of prestressed concrete beams reinforced with bamboo fibers (BFR) and sisal fiber (SFR)
			NPTEL Course on “Building Materials as Corner stone to sustainability”

FACULTY ACTIVITIES




Dr. P.S.Kothai, Dr.N.Natarajan, Mr.S.Dinesh Kumar and Mr.D.Suresh visited Sakthi Sugars Ltd., Appakudal on 31.05.2024 to explore the efficiency of phytoremediation process of waste water treatment.




Dr. P.S.Kothai, Dr.N.Natarajan, Mr.S.Dinesh Kumar and Mr.D.Suresh visited National Environmental Engineering Research Institute (NEERI), Nagpur on 08.10.2024 to explore the possibility of establishing NEERI patent process of UCCW-Waste water treatment plant at MCET campus.




Dr. P.S.Kothai, Dr.N.Natarajan, Mr.S.Dinesh Kumar and Mr.D.Suresh visited Sakthi Auto Components Ltd., Vijayamangalam on 08.11.2024. The purpose of visit is to discuss the feasibility of establishing Phytoremediation process of waste water generated at the industry and suggestions given for efficient water treatment by UCCW process.





Reach us:

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Mr. M. Sudharsanan,
AP/Civil Engineering

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