

# M.I.E.T. ENGINEERING COLLEGE

Trichy-Pudukkottai Road, Trichy-7

## NEWSLETTER



VOLUME-01

CIVIL  
ENGINEERING

2021-2022



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# DEPARTMENT OF CIVIL

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## ABOUT THE DEPARTMENT

The Department of Civil Engineering was launched in the academic year 2006-2007. In the year 2010 the Department was upgraded as a Post Graduate Department with the commencement of M.E. Structural Engineering. The Department maintains a constant focus on high quality of Teaching and Learning processes in Civil Engineering that makes the outgoing students confident in meeting the challenges arising out of technological advancement in the field. The Department offers B.E. Civil Engineering programme with the total annual sanctioned intake of 60, following the curriculum prescribed by Anna University, Chennai. The major subjects included are: Structural Engineering, Transportation Engineering, Water Resource Engineering, Geo technical Engineering, Environmental Engineering and Construction Management. The Department is under the constant care of a team of committed, qualified and student centric Teachers. Further, the learning activities are supported by several laboratories endowed with advanced instruments and equipment. The major laboratories are: Advanced Structural Engineering Lab, Computer Aided Design and Drafting Lab, Strength of Materials Lab, Applied Hydraulics Engineering Lab, Soil Mechanics Lab and Water and Wastewater Analysis Lab. These laboratories play a crucial role in imparting hands on experience and practical skills to the students. The department also encourages the students in organizing and conducting Seminars and Workshops on chosen field inviting participants from the other Institutions. In order to expose the students to recent technological advances, Guest Lectures are arranged inviting eminent Scientists, Technocrats, Industrialist and Professors from NIT-T and IIT-M. Industrial and Field visits are regularly arranged and the students are taken to Cement Factories, Brick making units, Railway Workshops, Tanning Industries, Dams and Reservoirs. These activities give the students an exposure to real work-space Environment. The Department is very much conscious of adverse changes in the environment and making efforts to modify and redesign in Civil Engineering education and training.

## DEPARTMENT VISION

A knowledge hub in Civil Engineering sciences, contributing to the progress of humanity through innovative thinking, domain expertise and high ethical values.

## DEPARTMENT MISSION

- To provide quality education through industry based value-added trainings and develop skilled Civil Engineers.
  - To nurture competent professionals trained in designing and implementing Civil Engineering systems and to perform professionally and ethically.
  - To provide a conducive environment that fosters aptitude for research, higher education, entrepreneurship skills, leadership quality, and lifelong learning.
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## **CHAIRMAN's MESSAGE**

Being in the current world is not a hasty track, the responsibility of creating a high-quality educational institution is challenging and embellished with a host of initiatives which validate them over an extended time span. Moreover, in a world where time and space are compacted, there is a massive defy for success which necessitates knowledge, which is current, pertinent and based on real experience. In this situation, the education plays a paramount role in moulding, shaping and preparing youngsters to face the challenges of the future world. The Faculty with an outstanding academic background and sound conceptual knowledge of contemporary engineering studies and practices ably complete the process of converting the budding students into employable technocrats. Moreover, M.I.E.T strives hard to sensitize its students to the needs of the community and inculcate values like truthfulness, fortitude and acceptance of individual differences. That this whole process is completed keeping in mind the College Vision, Mission and Quality policy is an achievement that the Faculty takes pride.



**Er. AMOHAMED YUNUS, B.E., M.Sc., Engg.**  
**Chairman**  
**M.I.E.T. Institutions**

## **PRINCIPAL's MESSAGE**

As the Principal of our esteemed college, I am immensely proud of all of you. You all have been inspiring us with your hard work and dedication, and have made us proud with your many achievements over the years.

As we look ahead to the future, I urge you to continue to strive for excellence and to never give up on your dreams. I am very happy with the progress the college has made by imbibing in its student's value-based education synergized with modern teaching-learning methods to produce a generation of well informed and emotionally sound generation. I am positive that in times to come we will continue this journey with elevated enthusiasm and persistently provide a platform of holistic learning to the young generation of learners. Our students graduate with the skills, mind sets and qualities that will best equip them for success. Come on let's give our best and make this institution a modern temple of learning through our diligence, devotion and dedication. Wishing you all the best...! in the world of the future. They are the future leaders and role models of society.



**Dr. ANAVEEN SAIT, M.E., Ph.D**  
**Principal**  
**M.I.E.T. Engineering College**



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## Department Activities

- ❑ Guest Lecture on Important of Foundation Engineering for Civil Engineers delivered by Er. S. Sivakumar, M. Tech., M.I.E(1)., Assistant Executive Engineer, PWD/WRD Quality Control Subdivision, Srirangam on 24.9.2021
- ❑ Guest Lecture on Quality Check In Construction delivered Er. K. Swaminathan Director, Creators and Engineers Pvt. Ltd., Trichy on 13.10.2021
- ❑ Workshop on A Value added course on TEKLA Software Mr. G. Santhanam, Centre Director, TCIL-IT Education & Training, (A Govt. of India Enterprise) from 8.11.2021 to 12.11.2021

### MoU Signed Companies

1. Blastect Engineering Services and Technology has signed MoU with our Institution on 30.08.2021.

### Establishing Research Laboratory

The Department of Civil Engineering has established the Research and Development Laboratory to develop research activities.

- ❖ Faculty and students can access the R&D lab to develop products and to do the research vastly in the fields of radioactivity in building materials.
- ❖ The lab is utilized by the UG and PG students to carry out their project work under the guidance of faculty using the facilities available at R&D Lab.

The Civil Department has an exclusive radioactivity research laboratory that helps the faculty to implement innovative projects and publish their work in referred journals

### Radioactivity Research Laboratory:

1. Spark Counter
2. Constant Temperature Bath
3. Twin Cup Dosimeter

To measure the radon gas emission from building materials and indoor radon from dwellings



**Constant Temperature Bath**

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**Spark Counter**



**Twin Cup Dosimeter**

### **Highlights of Radioactivity Research Lab:**

- ❑ Radioactivity Research Lab provides necessary infrastructure suitable for testing Radon Gas emission.
- ❑ It is well known that most natural materials such as sand, soil, cement and rock, etc., used for construction originate from different rocks and earth's crusts. Such materials rich in different naturally occurring radioactive elements often emit radons.

- ❑ Radon is a natural radioactive gas derived from geologic materials. Inhalation of the short-lived decay products of radon has been linked to an increase in the risk of developing lung cancers if present at elevated levels.
- ❑ The purpose of establishing the lab is to measure the radioactivity radon gas emission from building materials and indoor radon from dwellings.

### **Sponsored Research**

#### **Funded research:**

The Sponsored Research are very important in enhancing the reputation of the institution as well as the department. Government of India has launched Mission Amrit Sarovar – Jal Darohar Sanrakshan, envisioned protecting traditional water bodies. Ministry of Housing and Urban Affairs (MoHUA) has identified 300+ culturally and historically significant water bodies across the country. Under this mission - Srirangam Temple Tank water body project was taken up by the department of Civil Engineering, water bodies. M.I.E.T. Engineering College to carry out the studies about rejuvenating and preserving traditional level



As part of the Mission deliverables, outcome of students were submitted and displayed through posters, detailed report and photographs on the GOI portal and at multiple appropriate locations for community awareness. The outcome of study area was also published on Twitter and other social media platforms.



Project Duration of Internship: 1st July 2022 to 5th August 2022

AICTE Internship fund received: Rs 2,00,000  
 Team Mission Amrit Sarovar – Jal Darohar Sanrakshan Internship  
 AICTE Sponsored Amrit Sarovar – Jal Darohar Sanrakshan “Srirangam - Temple Tank”

Co-ordinated by Mr. B. Sekar 2,00,000/- has Completed successfully.

## Students Activities

### Internship details of students:

- Mohamed Sheik Rasith. M.A has attended Internship in M.RAVI Construction for 31 days 12th July to 12th Aug 2021
- Abdul Rahuman. B has attended Internship in KAMAAL Construction for 30 days from 1st to 31st December 2021
- Abuthalip. A has attended Internship in M.RAVI Construction for 33 days from 16th Aug to 17th Sep 2021
- Jiyavudeen. S has attended Internship in SHANTHI Construction for 32 days from 11th Aug to 11th Sep 2021
- Mohamed Aslam. S has attended Internship in BALAJI Builders for 34 days from 09th Aug to 11th Sep 2021
- Mohamed Halidh. M.A has attended Internship in BALAJI Builders for 34 days from 09th Aug to 11th Sep 2021
- Mohamed Hisham. K.H has attended Internship in DIZART Constructions for 32 days from 11th Aug to 11th Sep 2021
- Mohamed Ibrahim. A has attended Internship in CADD Centre for 15 days from 06th to 20th Dec 2021
- Mohamed Ishak. M has attended Internship in KRISHNA Builders and Promoters for 32 days from 11th Aug to 11th Sep 2021
- Mohamed Malik. J has attended Internship in VEL Constructions for 32 days from 21st Aug to 21st Sep 2021
- Mohamed Natheem. M has attended Internship in AJ Construction and Planners for 30 days 1st to 30th Dec 2021
- Mohamed Rizwan. A has attended Internship in AR Construction for 30 days from 12th Sep to 12th Oct 2021
- Pugalenth. M has attended Internship in M.RAVI Construction for 31 days from 12th Aug to 12th Sep 2021

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- Riyas Ahmed. M has attended Internship in RAKESH Planners and Builders for 32 days from 11th Aug to 11th Sep 2021
  - Siva. A has attended Internship in JS Construction for 31 days from 20th Sep to 20th Oct 2021
  - Subash. S has attended Internship in BALAJI Builders for 34 days from 09th Aug to 11th Sep 2021
  - Ubayathulla. A has attended Internship in AJ Construction and Planners for 30 days from 1st to 30th Nov 2021
  - Venkateshwaran. G has attended Internship in BALAJI Builders for 34 days from 09th Aug to 11th Sep 2021
  - Vignesh. M has attended Internship in KALAM Construction for 32 days from 11th Aug to 11th Sep 2021
  - AathifNavidh. A has attended Internship in SSB Ready-mix concrete for 32 days from 11th Aug to 11th Sep 2021
  - Abdul Haris. I has attended Internship in VEL Constructions for 32 days from 21st Aug to 21st Sep 2021
  - Abdullah. A has attended Internship in Sri Sathiyam Construction for 32 days from 11th Aug to 11th Sep 2021
  - Abdul Rahman. S has attended Internship in Er.S.BABURAJ Licensed Surveyor and Contractor for 32 days from 11th Aug to 11th Sep 2021
  - Ajmeerkhan. S has attended Internship in Suresh Construction for 32 days from 11th Aug to 11th Sep 2021
  - AsifaBegam. B has attended Internship in BLASTECT Engineering Services and Technology for 21 days from 10th to 30th Sep 2021
  - Elango. S has attended Internship in VEL Constructions for 32 days from 21st Aug to 21st Sep 2021
  - Irshadh Ahamed. S has attended Internship in NAAM Architects for 32 days from 11th Aug to 11th Sep 2021
  - Maheshwaran. M has attended Internship in SSB Ready-mix concrete for 32 days from 11th Aug to 11th Sep 2021
  - Maheshwaran. M has attended Internship in Mohammed Hussain Engineering Contractor for 30 days from 1st to 30th Sep 2021
  - Mogamed Shafir. S has attended Internship in SSB Ready-mix concrete for 32 days from 11th Aug to 11th Sep 2021
  - Mohamed Arifkhan. J has attended Internship in Alpha Builders for 32 days from 1st July to 1st Aug 2021
  - Mohamed Askar Abbas. T.S has attended Internship in I CUBE Constructions for 30 days from 1st to 30th Sep 2021
  - Mohamed Aslam. M has attended Internship in BLASTECT Engineering Services and Technology for 21 days from 10th to 30th Sep 2021
  - Mohamed Usman Ali. M has attended Internship in VASUKI Builders for 32 days from 11th Aug to 11th Sep 2021
  - Mohammed Fazil. N has attended Internship in MANHA Construction for 32 days from 11th Aug to 11th Sep 2021
  - Mohammed Jabar. A has attended Internship in MANHA Construction for 32 days from 11th Aug to 11th Sep 2021
  - Nowfil Riswan. S has attended Internship in JPS Construction for 32 days from 11th Aug to 11th Sep 2021
  - Ramkumar. B has attended Internship in VEL Constructions for 32 days from 21st Aug to 21st Sep 2021
  - Vasim Khan. M has attended Internship in NAAM Architects for 32 days from 11th Aug to 11th Sep 2021
  - Vignesh. S has attended Internship in AJ Construction and Planners for 30 days from 1st to 30th Nov 2021
  - Yasar Kamaldeen. M has attended Internship SSB Ready-mix concrete for 32 days from 11th Aug to 11th Sep 2021
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- Yazar Arafath. M has attended Internship in VEL Constructions for 32 days from 21st Aug to 21st Sep 2021
- Yogeshwaran. D has attended Internship in GPS Construction for 32 days from 11th Aug to 11th Sep 2021
- Ajith kumar. S has attended Internship in BLASTECT Engineering Services and Technology for 21 days from 10th to 30th Sep 2021
- Arokia Jerin. A has attended Internship in KANI Construction for 30 days from 12th Aug to 10th Sep 2021
- Bheer Mohamed. S has attended Internship in NIVETA Associates & SINDU Constructions for 32 days from 11th Aug to 11th Sep 2021
- Pandi. R has attended Internship in M M Construction for 30 days from 1st to 31st Oct 2021
- Ragul. L has attended Internship in NIVETA Associates & SINDU Constructions for 32 days from 11th Aug to 11th Sep 2021
- Suresh. M has attended Internship in M M Construction for 30 days from 1st to 31st Oct 2021
- Syed Mohammed. A has attended Internship in M M Construction for 30 days from 1st to 31st Oct 2021
- Thoubig Mohammed. A has attended Internship in BLASTECT Engineering Services and Technology for 21 days from 10th to 30th Sep 2021
- Mohamed Ansari. A has attended Internship in M M Construction for 30 days from 1st to 31st Oct 2021
- Sakthivel. M has attended Internship in KANI Construction for 30 days from 12th Aug to 10th Sep 2021
- Hariharan .J has attended Internship in MISI Associates for 32 days from 11th Aug to 11th Sep 2021

- Monicka. PM has attended Internship in VASUKI Builders for 32 days from 11th Aug to 11th Sep 2021
- Guna.T has attended Internship in SSS Construction for 30 days from 12th Aug to 10th Sep 2021
- Sangavi. S has attended Internship in KANI Construction for 30 days from 12th Aug to 10th Sep 2021
- Sindhanaiselvi. S has attended Internship in Bright Homes for 32 days from 11th Aug to 11th Sep 2021

### **Student's Achievements in University Results**

- Bharathi has become class topper secured above 8.5 CGPA in university exam
- Kavitha, M.E has become university rank holder secured above 9.0 CGPA

