



MEA ENGINEERING COLLEGE  
PERINTHALMANNA

VENGOOR - PATTOMKAD PO, PERINTHALMANNA, MALAPPURAM DISTRICT, KERALA - PIN 679325

# ANNUAL NEWSLETTER

MARCH 2020 - NOVEMBER 2020

# CIVIL TIMES

# 2020



## **MISSION**

1. Develop professionally competent and socially committed Civil Engineers with ethical values, entrepreneurship, and leadership qualities.
2. To impart quality education by implementing state-of-the-art teaching-learning methods to enrich the academic competency, credibility and integrity of the students.
3. Inspire and create interest towards learning the subjects, and train diverse students to achieve academic excellence.

## **VISION**

Emerge as an excellent center for Civil Engineering education by building up professionally competent Civil Engineers.



## **CETA**

Civil Engineering Technical Association (CETA) was established in 2012 to provide a platform to enhance and encourage technical skills and non technical activities of Civil Engineering students. With excellent faculty to guide, CETA prepares its members to be tomorrow's leaders in transforming the society by providing best solutions in planning, designing and construction.





## **DEPARTMENT OF CIVIL ENGINEERING**

The Department of Civil Engineering started in the year 2011 and the first batch of students passed out in the year 2015. The Department offers undergraduate courses in Civil Engineering. In all, there are around 423 students in undergraduate programme. It has faculty with expertise in diverse fields. Presently, the department has 27 qualified sincere and dedicated teaching faculty members. The Department has established a state of the art experimental facilities and laboratories in different fields of Civil Engineering. The Department strongly believes in continuous efforts to strive for excellence by exploring new frontiers of knowledge, imparting the latest technical knowledge to the students and conducting high quality research.

### **PROGRAMME EDUCATIONAL OBJECTIVES (PEO)**

- Be employed in industry, government, or entrepreneurial endeavors to demonstrate professional advancement through significant technical achievements and expanded leadership responsibility.
  - Demonstrate the ability to work effectively as a team member and/or leader in an ever-changing professional environment.
  - Progress through certificate programs, advanced degree, and research in Civil engineering and other professionally related fields.

## **AN INSIGHT IN TO THE DESIGN OF METRO TUNNELS**

Department of Civil engineering organized a webinar on the topic – “An insight into the design of metro tunnels” on 16th May 2020. The session was handled by Mr. Jishnu R.B, Deputy General Manager, Metro Department, Intercontinental Consultants and Technocrats India Pvt Ltd, New Delhi. There were around 100 participants from 20 different colleges and from 2 industries

## **7 DAY FDP ON NBA ACCREDITATION PROCESS**

Online Faculty development program on “NBA Accreditation Process” organized by Department of Civil Engineering, MEA Engineering College conducted from 20th May to 28th May 2020. The programme was conducted through the online platform of Zoom Video Communications. The theme of the Faculty development Programme was NBA accreditation Process

## **3 DAY ONLINE WORKSHOP**

MEA engineering college, Perinthalmanna, in collaborated with Econstruct Design & Build Pvt Ltd., organized a 3 Day Online Workshop from July 12 to July 14, 2020. The workshop was based on the topics, Structural Design Engineering: Case Study on G + 100 story building (Deep foundation with 6 basements), how to do Project Management with BIM Technology: Case Study on G+40 on 3 consecutive days. And the day wined up by the Interactive session on career-related queries for making a successful career in Civil Industry and Eco-System of a Civil Engineer.



## WEBINAR SERIES

Presented by CE Alumni Association

A webinar series was conducted on 28th and 29th of July and 7th of August 2020 by CE Alumni Association through online platform. All speakers are Alumni of Civil Engineering department and are having renowned experience in various fields of Civil Engineering. It was extremely beneficial for all students and gave a link between theory knowledge and field experience. Participant list includes mainly final year and pre final year students, which also includes students from other colleges. On day 1, Mr. Anoop K, Alumni of 2011-2015 batch currently working as Chief Managing Director, KM Consortium, Builders and Developers interacted with the students and gave them a talk on "Challenges Faced by the Entrepreneur in the Construction Sector". It was really a different experience for all the participants. On day 2, Ms. Haseeba K M, Alumni of 2011-2015 batch currently working as Accredited Engineer, MGNREGS (Mahathma Gandhi National Rural Employment Guarantee Scheme) gave a very detailed and interesting talk on "Opportunities in MGNREGS For Civil Engineers". It was really helpful for all the participants to many of them since this field was unfamiliar. On day 3, Mr. Muhammed Thaj C, Alumni of 2011 - 2015 batch currently working as Quantity survey Engineer, Orientals Enterprises, Doha, Qatar offered a very informative talk on "Quantity Survey Engineering: The Untold". He gave an enlightening lecture on various aspects of quantity



**WEBINAR SERIES 2020** PRESENTED BY CE ALUMNI ASSOCIATION

**DAY 1**

**ANOOP K**  
CHIEF MANAGING DIRECTOR  
KM CONSORTIUM, BUILDERS AND DEVELOPERS  
MGNREGS (MAHATHMA GANDHI NATIONAL RURAL EMPLOYMENT GUARANTEE SCHEME)  
ALUMNI - 2011-15 BATCH

**TOPIC: CHALLENGES FACED BY THE ENTREPRENEUR IN THE CONSTRUCTION SECTOR**

DATE: 28/07/2020 TIME: 10:00 AM  
PLATFORM: GOOGLE MEET



**WEBINAR SERIES 2020** PRESENTED BY CE ALUMNI ASSOCIATION

**DAY 2**

**HASEEBA K M**  
ACCREDITED ENGINEER  
MGNREGS (MAHATHMA GANDHI NATIONAL RURAL EMPLOYMENT GUARANTEE SCHEME)  
ALUMNI - 2011-15 BATCH

**TOPIC: OPPORTUNITIES IN MGNREGS FOR CIVIL ENGINEERS**

DATE: 29/07/2020 TIME: 10:00 AM  
PLATFORM: GOOGLE MEET



Presented by **WEBINAR SERIES**  
CE ALUMNI ASSOCIATION

**DAY 3**

**MUHAMMED THAJ C**  
Quantity survey engineer, Orientals enterprises, Doha, Qatar  
MSP (quantity surveying and inspection) Accredited Engineer

**TOPIC: QUANTITY SURVEY ENGINEERING: THE UNTOLD**

Platform: GOOGLE MEET





## WEBINAR ON ADAPTIVE TRAFFIC CONTROL SYSTEM

The 35th Engineers' Day Celebration program was held on 15th September 2020. The program was organized by preconference webinar on "Adaptive Traffic Control Systems". The session was well organized and handled throughout by Mrs. Thasnim T and Mrs. Nithya S, Webinar Coordinators. Due to the pandemic crisis, the session was held in an online platform at sharp 4pm. Session was held by Dr. Suresh P.S (Associated Professor, Department of Civil Engineering, MEA Engineering College) which covered all the information about the traffic control systems. He also shared tips to be focused for those who aspire, and his ideas were well explained through best examples from in and around the world. Webinar shaped a unique way in a catchy mode of interaction.

The session was concluded with an interactive session with delegates by solving their doubts; it wended up by 5pm and won appreciation from the registered members

### STUDENT'S ACHIEVEMENTS

- Mohammed Navas C.P, Hiba Nourin V.P, Amina Minnath M, Fathima Nasrin M co-authored the paper "Assessment of Municipal Solid Waste Management System of Perinthalmanna Municipality" which has been published in RACER'20, August 2020
- Ahamed Zahal , Fathima Femi P.K, Fathima Nihala P.K , Mohammed Safar co-authored the paper titled "Study on Behaviour of Fibre Reinforced Concrete using Binding Wire" which has been published in RACER'20, August 2020
- Fathimmath Shimna Sherin, Dilsha Sherin, Anshaal Rahman, Rinoos co-authored the paper

- "Partial Replacement of Fine Aggregate by Pulverized Plastic in Cement Concrete" which has been published in RACER'20, August 2020
- Sahir Sanoob T, Nihala Sherin K T, Sanjeed Roshan P, Thesni V co-authored the paper "Cost Comparative Study of Conventional and Cost-effective Construction Materials" which has been published in RACER'20, August 2020
- Fadi Anfas P, Shibili Sabir KK, Ubais P co-authored the paper titled "Sisal Fibre Reinforced Gypsum Boards as Partition Walls" which has been published in RACER'20, August 2020
- Ninu Shahla K, Nisthar Ali P. T, Rishana V, Sahil Kamrudheen co-authored the paper "Study on Performance of Polystyrene Building Blocks" which has been published in RACER'20, August 2020



•Ashwa Sana,  
Fathimath Shafna V.K,  
Arshid A.V, Arshid A.V  
co-authored the paper titled  
“Waste Foundry Sand and  
Rubber Tyre as Substitutes  
for Aggregates in Concrete”  
which has been published in  
RACER'20, August 2020

•Ayisha Nourin Nk,  
Nashidha P, Deepthi C,  
Mubashira K co-authored  
the paper “Comparative  
Study on Sand Bed  
Reinforced with Flex Cell  
and Pet Bottle Cell” which  
has been published in  
RACER'20, August 2020

•Mohammed Anas N,  
Athima Afnan KV, Farsana  
Jabin T, Jabir K  
co-authored the paper “Soil  
Stabilization using Lime and  
Sugarcane Bagasse Ash”  
which has been published in  
RACER'20, August 2020

• Hafseena KP, Lubna  
Sherin K, Fazalu Rahman,  
Mohammed Zaheen Bin  
Sayeed Mohammed  
co-authored the paper titled

“Soil Stabilization using  
Jute Fibre and Bamboo  
Leaf Ash” which has been  
published in RACER'20,  
August 2020

Ms. Ashwa Sana was first  
runner up of IEEE STEP  
2020, which is organized by  
IEEE KERALA SECTION,  
7 days online webinar held  
at Zoom app in the year  
2020 (7 days from 25th to  
31st May).



## STAFF ACHIEVEMENTS



**Mr Najeeb M**

Has authored the papers  
titled,

- “Study on Performance of  
Polystyrene Concrete  
Building Blocks” in  
International Journal of  
Innovative Research in  
Science, Engineering and  
Technology (IJIRSET),  
June 2020

- “Cost Comparative Study  
of Conventional and  
Cost-Effective Construction  
Materials” in International  
Journal of Innovative  
Research in Science,  
Engineering and Technology  
(IRSET), June 2020



• "Study on Performance of Polystyrene Building Blocks" in the proceedings of National Conference on Recent Advancements in Civil Engineering Research (RACER 2020), August 2020

• "Cost Comparative Study of Conventional and Cost-Effective Construction Materials" in the proceedings of National Conference on Recent Advancements in Civil Engineering Research (RACER 2020), August 2020

• Najeeb M Assistant Professor, MEA Engineering College co-authored the papers of topic "Cost Comparative Study of Conventional and Cost-Effective Construction Materials", "Study on Performance of Polystyrene Building Blocks" which has been published in RACER'20, August 2020



**Mrs Jeeja Menon**

Mrs Jeeja Menon  
Jeeja Menon Assistant Professor, MEA Engineering College co-authored the paper "Soil Stabilization using Lime and Sugarcane Bagasse Ash" which has been published in RACER'20, August 2020

Mrs. Jeeja Menon presented a paper titled "Evaluation of Eco Cement as a Stabilizer of Clayey Sand" in IRC 2020, XIV. International Conference on Eco-Friendly Construction and Green Building Technologies, held at New York, June 4-5, 2020.



**Mrs Rajisha c**

Mrs. Rajisha C published a paper titled "Flood Risk Mapping of Korapuzha River Basin using GIS" in IJIRSET, Volume 9, Issue 7, in July 2020, which is organized in New York

• Mrs. Shahana Sheril Assistant Professor, MEA Engineering College co-authored the paper "Waste Foundry Sand and Rubber Tyre as Substitutes for Aggregates in Concrete" which has been published in RACER'20, August 2020

• Mr. Noushad K Assistant Professor, MEA Engineering College co-authored the paper "Comparative Study on Sand Bed Reinforced with Flex Cell and Pet Bottle Cell" which has been published in RACER'20, August 2020



- **Dr. Hema Nalini A.V**  
Professor, MEA Engineering College co-authored the paper "Assessment of Municipal Solid Waste Management System of Perinthalmanna Municipality" which has been published in RACER'20, August 2020
- **Mr. Jazeel Shah P** Assistant Professor, MEA Engineering College co-authored the paper titled "Study on Behavior of Fibre Reinforced Concrete using Binding Wire" which has been published in RACER'20, August 2020
- **Mrs. Yasmin N** Associate Professor, MEA Engineering College co-authored the paper "Sisal Fibre Reinforced Gypsum Boards as Partition Walls" which has been published in RACER'20, August 2020
- **Mrs. Nusfa Karuvattil** Assistant Professor, MEA Engineering College co-authored the papers "Partial Replacement of Fine Aggregate by Pulverized Plastic in Cement Concrete", "Soil Stabilization using Jute Fibre and Bamboo Leaf Ash" which has been published in RACER'20, August 2020