

CIVIL TIMES

ANNUAL NEWS LETTER

CIVIL ENGINEERING DEPARTMENT
MARCH 2021 - NOVEMBER 2021



MEA Engineering College

State Highway 39, Nellikunnu-Vengoor,
Perinthalmanna, Malappuram, Kerala 679325





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.

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.

VISION

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





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-chang-

ing professional environment.

- Progress through certificate programs, advanced degree, and research in Civil engineering and other professionally related fields.



WEBINAR ON “CAREER OPENINGS FOR CIVIL ENGINEERS IN PUBLIC SECTOR”

Civil engineering technical association (CETA) MEA engineering College in association with Civilianz Trivandrum conducted a webinar on the topic career opportunities for civil engineers in public sector on 11 th Dec 2021 via zoom platform. The webinar was designed to discuss about openings in public sector by cracking gate exam or by other means. The program was started at 2.00 pm and ended at 3:15 pm and was handled by Anu Jo Mariya ,Assistant professor Civilianz Trivandrum. In short she presented various things that a person can attain by cracking GATE exam. She also sights examples various posts and vacancies regarding the same.

TECHNICAL TALK ON ENGINEERS DAY

A technical talk based on Engineers day was organized by Department of Civil Engineering, MEA Engineering College on 15th Sept 2021. Dr. Harinarayan N H , Assistant Professor department of Civil Engineering MEA Engineering College was the resource person. The program was conducted for faculties and students through the online platform of Zoom Video Communications. Mr Nikhil B and Noushad K Assistant professors department of Civil engineering coordinated the program.

WEBINAR ON CIVIL ENGINEERING OPPORTUNITIES AND CHALLENGES

Department of Civil engineering organized a webinar on the topic " Grow with concrete technology " on July 3,2021. The session was handled by Dr ajmal muhammed assistant professor department of Civil engineering MEA engineering college perinthalmanna. There were around 50 students as participants. The session co-ordinated by Dr haninarayan and noushad k

TECHNICAL QUIZ

The civil Engineering technical association has conducted a technical quiz competition on 15th September 2021 by Nikhil B & Noushad K, Assistant Professors at , MEA Engineering College, Perinthalmanna for students. There were 20 participants for the competition. The quiz competition was entertaining and informative for the students.

TECHNOLOGY ENABLED LEARNING

A Workshop on “Technology Enabled Learning” organized was organised by Department of Civil Engineering, MEA Engineering College, on 06 August 2021. The session was handled by Nikhil B, Assistant Professor Department of Civil Engineering, MEA Engineering College, Perinthalmanna. The workshop was for the faculties and there were around 18 participants.





WEBINAR ON **ETHICAL ISSUES IN ENGINEERING**

Department of Civil engineering organized a webinar on the topic " Ethical issues in engineering " on April 10th,2021. The session was handled by Dr sreemahadevan pillai Director at ahalia group of institutions. There were around 60 students as participants.

WEBINAR ON **WATER CONSERVATION AND GROUND WATER RECHARGE**

A webinar was conducted on May 14 2021 on the topic "Water conservation and ground water recharge".The program was well handled by Shajathnan KH, superintending Engineer in the national hydrology project in the ground water department. The session was well organized throughout by Nikhil B .The session was about 1.5hrs duration. Webinar shaped a unique way in a catchy mode of interaction.The session was conducted for faculty & 18 faculties were participated .

WEBINAR ON **CIVIL ENGINEERING OPPORTUNITIES AND CHALLENGES**

A webinar was conducted on May 29 2021 on the topic "Civil engineering opportunities and challenges".The program was well handled by Dr Hari-narayan NH assistant professor department of civil engineering MEA engineering college perinthalmanna. He interacted with the students and shared about the future opportunities.The session was about 1.5hrs duration. The session was well organized throughout by Riya pious and farsana chammayil. The session was conducted for students & 96 students were participated .the section was concluded by solving their doubts.

ALUMINI MEET **"MEMOIR"**

Department of Civil engineering organized an alumini meet "MEMOIR"on July 30,2021. This was conducted for pass out students MEA engineering college. section co-ordinated by Department of civil engineering. The program was conducted for through out a day

WEBINAR ON **CAREER PLANNING IN THE FIELD OF CONTRACTS AND PROJECT MANAGEMENT**

A webinar was conducted on June 12, 2021 on the topic "Career planning in the field of contracts and project management ".The program was well handled by Mrs venkataramani mangala, Head-contract procurement and project monitoring-senior Associate at KGD Bengaluru.she interacted with the students and shared about the future opportunities.The session was about 1 hr duration. The session was well organized throughout by Anees k and jeeja menon. The session was conducted for students & 130 students were participated. The session was concluded by solving their doubts.



RACER 21

RACER'21 – National Conference The Civil engineering department of MEA Engineering College has organized a National Conference on Recent Advancements in Civil Engineering Research from 25th to 27th August 2021, 2.30 pm to 6.00 pm. The conference aimed to provide an opportunity for academicians, technologists, entrepreneurs, the engineering community, and students to put forward their ideas and findings related to recent advances in the research areas of Civil Engineering. It was a wonderful platform for the delegates to exchange their experiences with renowned plenary and featured speakers. The conference topics were included a wide variety of civil engineering subjects like Structural Engineering, Transportation Engineering, Urban/Town and Country Planning, Geotechnical Engineering, Water Resources Engineering, Quantity Survey and Valuation, Environmental Engineering, Geomatics, Hydro Informatics, Building Technology, Construction Management, etc. On 25th August 2021, 2,30 PM, RACER'21 National Conference was started with the prayer followed by the welcome address of Dr. Hema Nalini A.V. Dean Research & HoD , Department of Civil Engineering, MEA Engineering College. After the welcome address, Prof. Haneesh Babu K T, Vice Principal MEA Engineering College gave the presidential address. Official inauguration of RACER'21 followed by inaugural address was given by Dr. G. Ramesh, Principal, MEA Engineering College. The inaugural session was concluded by the vote of thanks by Mr. Anees K, Assistant Professor and Chief Coordinator of the conference, Department of Civil Engineering, MEA Engineering College. After the inaugural session, on the following two days there were many invited lectures from IITS, NITS and other institutions. Students scholars and researchers from various institutions were participated and Finally after the completion of presentation by all the participants in the conference, the program ended at 6.00 pm on day 3 of the conference by the vote of thanks by Dr. Hema Nalini A.V. Dean Research & HoD, Department of Civil Engineering, MEAEC.



MEA ENGINEERING COLLEGE
PERINTHALMANNA

VENGODOOR - PATTIKKAD P.O., PERINTHALMANNA, MALAPPURAM DISTRICT, KERALA - PIN 679326



Department of Civil Engineering

Online National Conference on
**RECENT ADVANCEMENTS IN
CIVIL ENGINEERING RESEARCH
(RACER 2021)**

**25th, 26th & 27th
August
2021**



STAFF ACHIEVEMENTS



Dr. Hema Nalini A.V

•Dr. Hema Nalini A.V Professor, MEA Engineering College coauthored the paper “Study on Concrete with Partial Replacement of Coarse Aggregate by Over burnt Brick Bats and Cement by Micro Silica” which has been published in RACER'21, August 2021

•Dr. Hema Nalini A.V Professor, MEA Engineering College completed 12 week online NPTEL certification course funded by MHRD Govt of india on the topic NBA Accreditation and Teaching -Learning in Engineering(NATE) from Jan -April 2021

STUDENT ACHIEVEMENTS

• Nasia K P, Shibina P, Sarath V K, Mohammed Rashid N K coauthored the paper “Study on Concrete with Partial Replacement of Coarse Aggregate by Over burnt Brick Bats and Cement by Micro Silica” which has been published in RACER 21, August 2021

•Aswathi. T a , Farsana. P P a , Midhul a. C K a , Pramitha. O coauthored the paper titled “Land Use and Land Cover Change Detection Using Remote Sensing and GIS” which has been published in RACER21, August 2021

•Shibina P,Nasia KP,Sarath V,Mohammed Rashid NK got financial assistance from KSCTE(-Kerala state council for science,technology and environment) for student project on the topic “Study on concrete with partial replacement of coarse aggregate by over burnt brick bats and fine aggregate by micro-silica” under the leadership of Dr Hema Nalini on 29.10.2021.



Mrs Jeeja Menon

Mrs Jeeja Menon Associate Professor, MEA Engineering College qualified for the award of Doctor of Philosophy with the title of thesis “Effect of plastic fibers in compressed stabilized earth block using lime and ground granulated blast furnace slag ” From Noorul islam centre for higher education on examination and viva held on 16.07.2021



Mrs Rajisha C

Mrs Rajisha C coauthored the paper titled “Land Use and Land Cover Change Detection Using Remote Sensing and GIS” which has been published in RACER'21, August 2021

