

DEPARTMENT OF CIVIL ENGINEERING
NEWS LETTER

NIRMAAN



VOLUME: 08

MARCH 2021

ISSUE: 01

CHAIRMAN:

Mr. MANU VIJAY, HOD

FACULTY CO-ORDINATOR:

Mr. SRIVATHSA H U,
ASST. PROF

STUDENT CO-ORDINATORS:

NAGRATHANA H T
M K NAYANA
LIKITH K GOWDA

DEPARTMENT OF CIVIL ENGINEERING NEWS LETTER

NIRMAAN

Message from Editor's Desk:

Welcome to this issue of Newsletter from the Department of Civil Engineering. We are delighted to launch our Bi-Annual Newsletter "NIRMAAN". This newsletter is a digital way for us to communicate with our students, faculty members, alumni and industrial partners. This newsletter will provide a glimpse of the departmental activities and achievements. Also, it enlightens the readers about the latest happenings in the department, focusing about different activities like placement, student and faculty achievements. We look forward for more activities and achievements for the department to march towards excellence in the future. We would like to thank all teaching, supporting staff and our beloved students for their constant support.

Message from HoD's desk



Warm greetings!!

I am happy to release this year's first issue of department newsletter. There are many updates to share with respect to the department activities happened during the last six months. During the pandemic situation department has successfully conducted online classes using Microsoft team's platform. The continuous internal assessments and Project work evaluations happened online.

DEPARTMENT OF CIVIL ENGINEERING NEWS LETTER

NIRMAAN

Department Vision, Mission, PO's, PEO's & PSO's

Vision:

To develop globally competent civil engineers who excel in academics, research and are ethically responsible for the development of the society.

Mission of the Department

1. To provide quality education through faculty and state of art infrastructure.
2. To identify the current problems in society pertaining to Civil Engineering disciplines and to address them effectively and efficiently.
3. To inculcate the habit of research and entrepreneurship in our graduates to address current infrastructure needs of society.

Program Educational Objectives (PEOs)

PEO1 - Engaged in professional practices, such as construction, environmental, geotechnical, structural, transportation, water resource engineering by using technical, communication and management skills.

PEO 2 - Engaged in higher studies and research activities in various civil engineering fields and life time commitment to learn ever changing technologies to satisfy increasing demand of sustainable infrastructural facilities.

PEO 3 - Serve in a leadership position in any professional or community organization or local or state engineering board

PEO 4 - Registered as professional engineer or developed a strong ability leading to professional licensure being an entrepreneur.

DEPARTMENT OF CIVIL ENGINEERING NEWS LETTER

NIRMAAN

Program Specific Outcomes (PSOs)

PSO 1 – Provide necessary solutions to build infrastructure for all situations through competitive plans, maps and designs with the aid of a thorough Engineering Survey and Quantity Estimation.

PSO 2 – Assess the impact of anthropogenic activities leading to environmental imbalance on land, in water & in air and provide necessary viable solutions revamping water resources and transportation for a sustainable development

Program Outcomes (POs)

Engineering Graduates will be able to:

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

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

DEPARTMENT OF CIVIL ENGINEERING NEWS LETTER

NIRMAAN

P06: 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.

P07: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

P08: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

P09: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

P010: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

P011: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

P012: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

DEPARTMENT OF CIVIL ENGINEERING NEWS LETTER

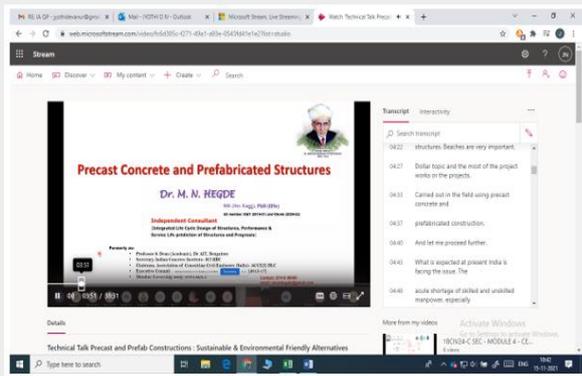
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Memorandum of Understanding (MOU)

Department has signed MoU's with various organizations to promote interaction with industry experts through guest expert lectures, internships, training programs & site visits for minimizing the gaps between academics & industry.



Activities conducted by the department



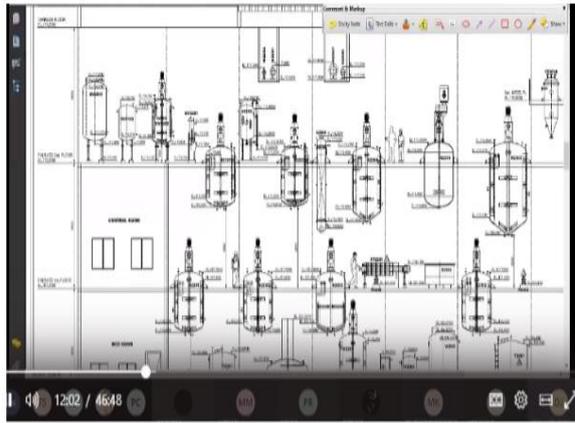
Talk on Prefabricated Structures

ECONSTRUCT Design & Build Pvt. Ltd.	
Annexure – 1	
5th & 6th September 2020	• How to get Core Technical Job in the Civil Industry? • What are the Expectations of the Industry from Civil Engineering Graduates?
30th & 31st October 2020	• Foundation of 12w12m Program (Planning of your career) • Planning Phase of any project
30th November 2020	• Modelling Techniques
31st December 2020	• Structural Analysis (in detail)
31st January 2021	• Post Processing Techniques
28th February 2021	• Structural Design and Detailing
31st March 2021	• Sub Structure Design
30th April 2021	• Project Management
31st May 2021	• Estimation and Costing
30th June 2021	• BIM Technology in Building Sector
31st July 2021	• BIM Technology in Infrastructure
31st August 2021	• ePMC

Discussion of Topics in Webinar Series

**DEPARTMENT OF CIVIL ENGINEERING
NEWS LETTER**

NIRMAAN



Talk on Steel Structures

Department of Civil Engineering
Brings to You Webinar Series on
"Design of RC Structure, Construction Practice & its Management"
Date: 14th - 18th July 2020, Timings: 11:00 am - 01:00 pm

Resource Persons:
Mr Kushal, Structural Engineer, VSDA, Bengaluru.
Mr Rahul Deshnur, Proprietor, Arya Construction Consultants, Bengaluru.
Mr Girish P., Assistant Professor, DSATM, Bengaluru.
Mr Dilip, Assistant Manager, L&T C-ITA, Mysuru.
Mr Shreedhar Revankar, South Indian Technical Head, Master Builder Solutions, Bengaluru.

For more details, please contact:
Convener:
Mr Puneeth K
 Assistant Professor,
 Dept of Civil Engineering,
 ATMECE, Mysuru
 Contact Number: - 9620693872

Faculty Co-ordinators:
Mr Srivathsa H U
 Asst Prof, Dept of CV
Mr Rudresh A N
 Asst Prof, Dept of CV

E - Certificate Will Be Provided
 Webinar Registration is free but Mandatory

Webinar on "Design, Construction Practice & its Management"

Department of Civil Engineering
Brings you the webinar series on
Advances in Transportation Engineering

Hear from Experts

3rd - 6th Aug 2020
Timings: 11.00am-12.30pm

Who Can Attend?
 • Undergraduate Student
 • Industry Freshers Faculty
 • Members
 • Transportation Engineers

Registration:
<https://forms.gle/S0SCh3D4JyM2m4Q8>

Free But Mandatory
E - Certificate will be Provided

Webinar on Advances in Transportation Engineering

DEPARTMENT OF CIVIL ENGINEERING
BRINGS TO YOU

TWO DAY WEBINAR ON "STRUCTURAL AND GEOTECHNICAL ADVANCES IN CIVIL ENGINEERING"
on 20th & 21st July from 11:00 am - 12:30 pm

Day 1
Topic: "Structural Masonry Engineering and Safety Perspective"

Day 2
Topic: "Geotechnical Engineering From Concept to Construction"

Resource Persons:
Mr ADARWIN THAMMAIAH
 Assistant professor,
 Department of CV,
 RV College of Engineering,
 Bengaluru

Dr. H S PRASANNA
 Professor,
 Department of CV,
 NIE, Mysuru

Convener
Shruthi H G
 Assistant Professor
 Department of Civil Engineering,
 ATMECE, Mysuru
 Contact No: 9620693872

Jyothi D H
 Assistant Professor
 Department of Civil Engineering,
 ATMECE, Mysuru
 Contact No: 972889693

Two day webinar on "Structural and Geotechnical Advances in Civil Engineering"

ATME
College of Engineering

Department of Civil Engineering, ATMECE, Mysuru

In Association with
SkillTech Engineers & Contractors Pvt. Ltd., Mysuru

Is Organizing a
 Short Term Training Programme On
"Hands on Training on Current Civil Engineering Practices"
 15th - 31st March 2021
 Timings - From 9:30 AM - 04:45 PM
 For
 7th Semester Students at ATMECE premises

Convener
Mr. Manu Vijay
 Asstt Professor & Head
 Dept of Civil Engineering
 ATMECE, Mysuru

Resource Persons
Prof. Suresh Kumar S.M.
 Professor, ATMECE,
 Mysuru
Dr. Ramadh P.
 Sr. Lecturer, Mysuru
Dr. Praveen B. Shaker
 Asstt Professor & Head of Department,
 VITAP, Mysuru
Mr. Girish P.
 Asstt Professor,
 DSATM, Bengaluru

Faculty Co-ordinators
Mr. Puneeth K
 Asstt Professor,
 Dept of Civil Engineering,
 ATMECE, Mysuru
Mr. Srivathsa H U
 Asstt Professor,
 Dept of Civil Engineering,
 ATMECE, Mysuru

www.atme.in

STTP on "Hands on training on current Civil Engineering Practices"

ADITYA BIRLA
UltraTech

UltraTech Cement Limited
cordially invites you to **Virtual Plant Tour**
On 17th October 2020 @ 6pm

"Quality means doing it right when no one is looking." - Henry Ford

UltraTech Cement - India's No. 1 Cement is committed to maintain Consistent Quality incorporating Sustainable business process across all its establishments.

Join us to this Virtual Plant Tour to witness the World class Manufacturing Process and Quality standards maintained at UltraTech Cement Plants.

Virtual Tour guided by
Mr. Ram Pant - RCM, UltraTech Cement Ltd.

Meeting ID: 966 544 2514
 Password: 162849

1800 210 3311 | www.ultratechcement.co | ultratech_care@adityabirla.com

Virtual Tour conducted by Ultra Tech Cements

DEPARTMENT OF CIVIL ENGINEERING NEWS LETTER

NIRMAAN

Student enrolment for certification courses

The Department encourages students to undergo MOOC Courses and enhances their skillset in various MOOC platforms.



Academic toppers of the department



Nagarathna H T



Amrutha M



Lakshmi Priya T U



Divyashree G Raj
4TH YEAR TOPPERS



Kirana M G
3RD YEAR TOPPERS



Harshitha B
2ND YEAR TOPPERS

DEPARTMENT OF CIVIL ENGINEERING NEWS LETTER

NIRMAAN

Do you Know this

Monorail is a rail-based transportation system based on a single rail, which acts as its sole support and its guideway. The term is also used variously to describe the beam of the system, or the vehicles traveling on such a beam or track. The term originates from the contraction of the words mono (one) and rail, from as early as 1897 as early systems used metal rails. The transportation system is often referred to as a railway. Colloquially, the term “monorail” is often used erroneously to describe any form of elevated rail or people mover. In fact, the term solely refers to the style of track, not its elevation



Engineering is the art and science of nuts and bolts.

- Haresh Sippy