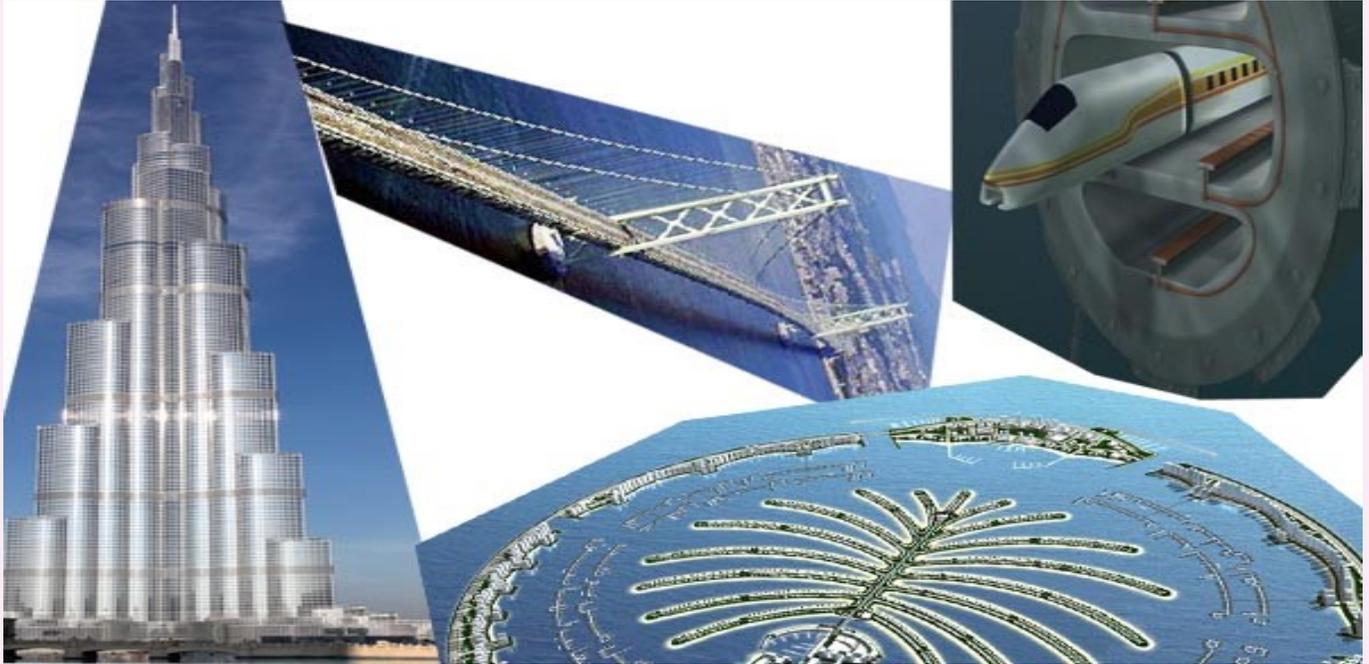




A T M E
College of Engineering

Department of Civil Engineering
Nirman-2020

Issue-2 Volume-9 July-2020



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

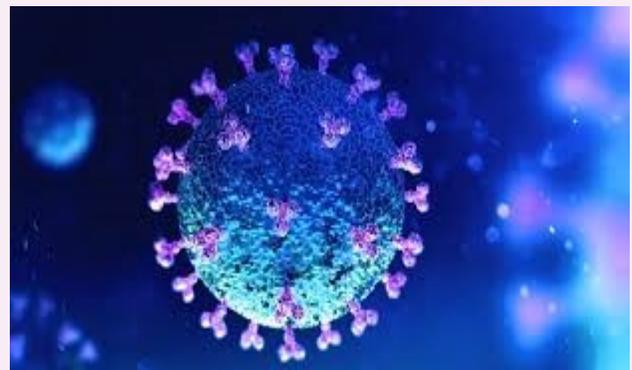
Mission of The Department: To provide quality education through faculty and state of art infrastructure To identify the current problems in society pertaining to Civil Engineering disciplines and to address them effectively and efficiently To inculcate the habit of research and entrepreneurship in our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

Chief Editor : Mr. Manu Vijay

Editor: Mr Srivathsa H U

Student coordinator-Madhura C,

Yogaswathi M Lochan R



Extensive survey – Academics outside the wall



As a part of curricular, Department of Civil Engineering conducted Survey Camp for 3rd year students and as compulsory part of the University academic curriculum. Karighatta is a different terrain comprising of both flat and gradient land. This Camp was aimed to groom Civil Engineering students with essential knowledge and to expose them to the real work, road work, bund construction, urban planning and water supply connection for the network.

FDP attended by Students Quantity Surveying and Estimation

The final year students, A Nikith, Anil G N and Alen Joe Fletcher participated in two day workshop on “Quantity Surveying and Estimation” Organized by L & T Corporate -Technology and Engineering Academy,

Nagarathana H T



Megha N



Awareness Programme at Department of Civil Engineering

ATME college of Engineering had taken initiative for Plastic Free Zone campus. In this regard, the students were addressed about Plastic free zone and later students also took oath as part of responsibility. The students were addressed to create awareness about usage of plastics.



Nayana



Amrutha M

Internship: 8th sem civil Student carried out their internship in DESIGN TREE CONSULTANTS under **Mr. K. Srinivas Reddy** Co-founder and Managing Director of **Design Tree Service Consultants Pvt. Ltd.** .To study the insight of project, they worked in from different ends from engineering end and also from contractor end.



Swatch Bharath Abhiyan Cleanliness is next to Godliness” is a widespread proverb which means maintenance of cleanliness lead a person toward goodness and humanity. Civil department organized Programme on Cleanliness is next to Godliness in ATME College of Engineering, Mysuru



Program Outcomes as defined by NBA (PO)

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

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

3Design/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.

4. 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.

5. 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.

6. 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.

7. 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.

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

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

10. 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.

11. 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.

12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broades

Did You Know :Kansai International Airport is one of Japan’s most important international airports, situated off the coast of Senshu in Osaka Bay. It is the world’s first offshore airport constructed on an artificial island. Located on a completely man-made island about 38 km (24 mi) southwest of Osaka Station, within three municipalities, including Izumisano (north), Sennan (south), and Tajiri (central), in Osaka Prefecture, Japan, Kansai Airport terminal 1 was opened to air traffic on 4th September, 1994, to ease congestion at Osaka’s Itami Airport, which is closer to the city of Osaka and now handles only domestic flights. The airport’s construction took 38 months and involved an average of 6,000 workers (10,000 during peak construction periods).



The COVID-19 pandemic has changed education forever

The COVID-19 has resulted in schools shut all across the world. Globally, over 1.2 billion children are out of the classroom.

As a result, education has changed dramatically, with the distinctive rise of e-learning, whereby teaching is undertaken remotely and on digital platforms.

Research suggests that online learning has been shown to increase retention of information, and take less time, meaning the changes coronavirus have caused might be here to stay.

Basics of Sign Convention

- Horizontal Force
 - +ve
 - ← -ve
- Vertical Force
 - ↑ +ve
 - ↓ -ve
- For Inclined
Resolution of Forces

Quadrant System

Placed students of the civil Department

Madhura C	Alen Joe Fletcher	Zeeshan Haider Ansari
INFOSYS	INFOSYS	GENPACT
3.6 LPA	3.6 LPA	2.5 LPA

Stream

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elements of civil engineering.

00:24 So I wish you happy New Year and fist year engineering.

00:52 Yeah. Sign the mechanical students are there in this

00:56 section.

01:18 Sumender:

01:20 My subject, that is the you have all the subject in the fist

01:26 year, so different types of the engineering field that you have

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18CV14 / Introduction to Elements of Civil Engineering

18CV14 - problems on couple
11 views

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11:40 11/10/2021