ATME College of Engineering

Department of Civil Engineering

Nirman-2019

Issue-1 Volume-8 December-2019

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

Technical Talks:

Recent Trends in Structural Engineering :Department of Civil engineering organized one day technical talk on "Recent Trends in Structural Engineering" and it's relevant in structures on 27.09.2019 for the benefit and up gradation of student knowledge level in the field of Structural engineering. Dr.Raghavendra Prasad, Managing Director, Bhamys Construction, Mysuru , delivered about latest trends adopted in construction field like Single Model for design,Improved materials,Energy Efficiency,Modular ConstructionAdvancement in Software.

Technical talk on Importance of PRIMAVERA: Department of civil engineering organized technical talk on

"**primavera by infinity PMC"** to 7th sem students **on 23/10/19**. Mr. Prashanth C technical manager of infinity PMC spoke on complete application of this versatile software primavera. Planning, Monitoring (done by site planning engineer), Controlling, Reporting were the core content of the presentation

The main benefits of participating in an online course under NPTEL are:

1. Students: credit transfer and better resume
2. Faculty: Refresher courses, AICTE recognized FDP courses
3. Working professionals: For up skilling and reskilling

Technical Talk on: 7th sem students attended a Technical talk on “Smart cities – Future cities "organized by NAREDCO, Mysore 19th at Southern star, Mysore Dated: 19-11-2019

FUNDAMENTALS OF ADMIXTURES IN CONCRETE : Department of Civil Engineering organized one day technical talk on “Fundamentals of admixture in concrete” to 5th sem students on 13.11.2019 for the benefit and up gradation of student who are knowledge level.

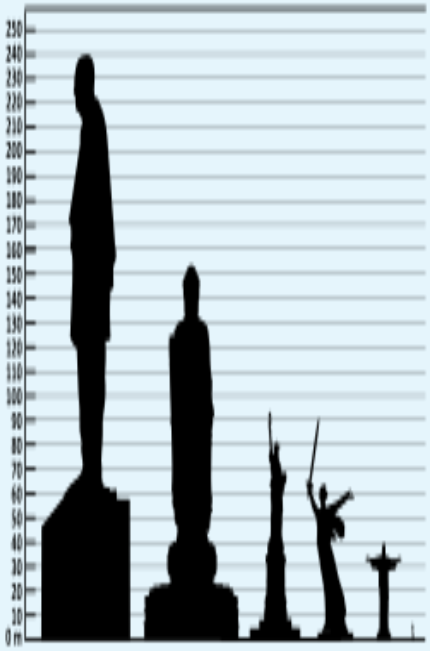
Mr. Prasanna Kumar P, Assistant manager, BASF India limited construction chemical division , Bangalore , delivered technical talk on importance of admixture in concrete. BASF is a German chemical company and the largest chemical producer in the world . The company was founded on 6th April 1865 , 154 years ago.

Felicitation of Toppers in CTM and Civil Engineering Students by BAI Mysuru

Supriya S and Jayashree T L of 8th sem Civil Engineering Department has been felicitated by Builder’s Association of India, Mysuru Chapter on 30th August 2019 at MBCT center Mysuru for scoring highest marks. Chief Guest Dr. S Thukaram, Vice President of BAI K. Sriram, Chairman of BAI B S Dinesh, Hon. Secretary of BAI R. Raghunath, Shilpi Co-ordinators, HOD’s & staffs of various colleges, students

The ***Statue of Unity*** is a colossal statue of Indian statesman and independence activist Sardar Vallabhbhai Patel (1875–1950), who was the first Deputy Prime Minister and Home minister of independent India and adherent of Mahatma Gandhi during the non-violent Indian Independence movement. Patel was highly respected for his leadership in uniting 562 princely states of India with a major part of the former British Raj to form the single Union of India. The statue is located in the state of Gujarat, India. It is the world's tallest statue with a height of 182 metres (597 ft). It is located on a river facing the Sardar Sarovar Dam on the river Narmada in the Kevadiya colony, 100 kilometres (62 mi) southeast of the city of Vadodara[3] and 150 kilometres (93 mi) from Surat.

The project was first announced in 2010 and the construction of the statue started in October 2013 by Larsen & Toubro, with a total construction cost of Rs 2,989 crores (29.89 billion rupees; USD $459 million).[4] It was designed by Indian sculptor Ram V. Sutar, and was inaugurated by Indian Prime Minister Narendra Modi on 31 October 2018, the 143rd anniversary of Patel's birth.

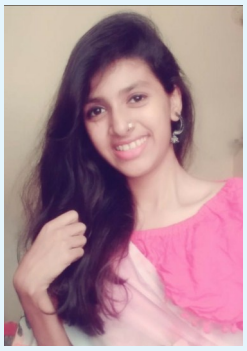


Approximate heights of various notable statues:

1. **Statue of Unity** 240 m (790 ft) (incl. 58 m (190 ft) base)
2. Spring Temple Buddha 153 m (502 ft) (incl. 25 m (82 ft) pedestal and 20 m (66 ft) throne)
3. Statue of Liberty 93 m (305 ft) (incl. 47 m (154 ft) pedestal)
4. *The Motherland Calls* 87 m (285 ft) (incl. 2 m (6 ft 7 in) pedestal)
5. *Christ the Redeemer* 38 m (125 ft) (iToppers of 3rd sem

Toppers of 3rd sem

Nayana

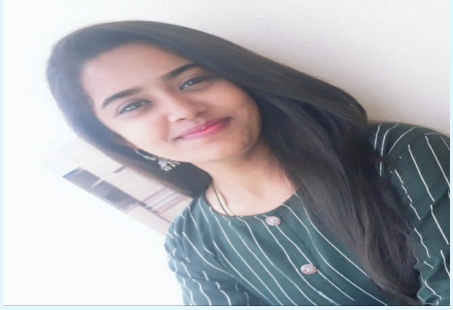


Amrutha M

Toppers of 5th sem

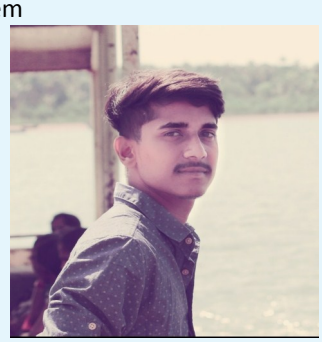
Nagarathana H T

Megha N



Toppers of 7th sem

Chandana



Monoj S L

Industrial Visit to C-TEA L&T Mysuru

Over view of our one day visit

Safety precaution that have to be followed in construction site

Everyone can get to their place of work safety.

No job is worth getting hurt for.

Safety helmets, Hi-Viz jackets, safety boots do prevent injury and death.

Edges from which people could fall are provided with double guard rails or other suitable edge protection.

Good lighting

Never use incomplete scaffolding

Treat electricity with respect

Never overload or use make shift plugs and fuse

Wear protection clothing

- **Safety gallery visit**
  - Under water foundation model
  - Scaffolding

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 sciences.

3. 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.

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 broadest