



# SAPTHAGIRI COLLEGE OF ENGINEERING

#14/5 Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

## CE SUDDI

August 2022

Engineering your dreams with us

### VISION

To Create Technically Competent, Research Oriented and Ethically Robust Civil Engineers to address the current and future challenges of the society.

### MISSION

- To Enhance proficiency in practical and theoretical concepts of Civil Engineering through a Supportive Environment.
- To Promote Higher Education, Research and Entrepreneurship in Civil Engineering and allied fields to meet the needs of global environment.
- To Create Civil Engineers of High Technical Competency with Ethical and Moral values.

### Chairman: Sri G. Dayanand



The "CE-Suddi" Newsletter of the Civil Engineering department is providing great space for the faculty and students to pen down their innovative ideas, imagination and perceptions to show case their creativity. So, I take the opportunity to congratulate the department of Civil Engineering and its editorial team to successful release of this issue. I am sure that students and faculty will find the content of this edition very interesting and educating.

### Executive Director: Sri G. D Manoj



I am indeed happy to know that the Civil Engineering department has taken initiative in realizing its semester wise newsletter "CE-Suddi" and urge faculties and students to make use of the platform to share and educate among themselves in publishing article pertaining to the emerging domain and articles of interesting. I congratulate the team of editorial community and department of Civil Engineering.

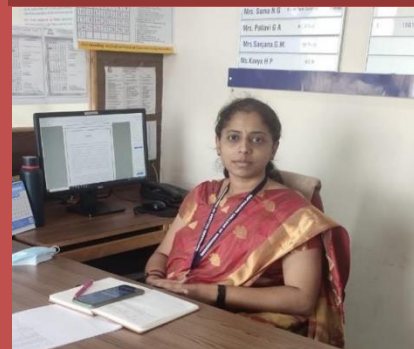
beloved students for their active participation in publishing this magazine. My special compliments and congratulation to the editorial team of the department for their consistent effort in publishing.

CE- Suddi

Dept of Civil Engg.

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### HOD'S Desk



I am very happy to bring out the Departmental newsletter "CE-Suddi". This newsletter outlines various activities that have taken place during April-June-2022 and the achievements of faculty and students. It is appreciable to find a considerable number of publications, participation of the staff in various conferences and events. I sincerely congratulate the Chairman, Principal, Vice Principal and editorial team of the department for their unrelenting efforts in compiling this News Letter.

## In-house Events Organized

### ***SEMINAR ON ABOARD STUDIES***

*The objective of this seminar was to throw light on the plethora of opportunities that are available for the students to pursue their studies abroad. The resource person was Mr.Nanjappa - Marketing Manager- Edwise International Bangalore, Edwise provides incomparable training in IELTS, TOEFL, PTE, GRE, GMAT, SAT and ACT test preparation in 23 branches across India.*



### ***SEMINAR ON RMC***

*The objective of this seminar is to throw light on working of RMC plant, working process in site, assembly of component parts of RMC, control panel and operation room/server room handling. The resource person was Mr.Karthik - Operational Manager- SCHWING STETTER, Bangalore.*



### ***SITE VISIT TO RMC PLANT***





## TECHNICAL TALK ON "GIS"



*The objective of this session is to shade a light on GIS (Geographic information system). Speaker of the session Prof. Supraja I, Asst. Prof, Department of Civil Engineering, DSATM, explained about necessities of GIS, creating shape files for point, lines and polygon features with a map reference. Conducted hands on sessions for the same topic and also covered decision maps for specific purposes.*

## "INDUSTRIAL VISIT"

*An Industrial visit was organized by department of civil engineering for 6<sup>th</sup> Semester Students at Sapthagiri college of Engineering construction site, Bangalore on 15<sup>th</sup> July 2022. This visit aims to provide practical knowledge of construction procedure, site execution and Resource management. Students were divided into 3 batches and sent them to the different parts in the site which includes shear wall construction, raft footing and column reinforcement. Prof. Pramod K R and site Engineer Mr. Shashidhar J P explained about all the components to the students. Also Bar bending procedure was demonstrated to the students. As students had studied RCC design in their theory, site visit helped them to understand it better and it helped to boost their confidence.*





## *SEWAGE TREATMENT PLANT VISIT*

*Department Of Civil Engineering for 4<sup>th</sup> Semester Students at Yelahanka sewage treatment plant which is under BWSSB, Bangalore on 26<sup>th</sup> July 2022. This visit aims to provide practical knowledge of waste water treatment units and its working method. Person who is in charge of the plant explained about the working procedure at site and the faculty in charge Prof. Mamatha H K co-related it with the theory which is done in the class. This helped the students to understand the concept clearly. With the help of all the faculties, visit went smoothly and students-maintained discipline at plant.*



## **Faculty Participation & Achievements**

Experimental investigation on properties of self-compacting and self curing concrete using light weight aggregate, M sand and flyash as a mineral admixture.

## **Graduation Day**

*Graduation day held in Chowdaiah Memorial Hall on 27<sup>th</sup> July 2022. Both 2018 and 2017 batch students participated in the event.*





Batch 2018

## Editorial Board

**Chief Editor:** Dr.Rajeshwari R  
Professor & HOD

**Co-Editor:** Priyanka A  
Assistant Professor