

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

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 monthly 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.

Principal's Desk



It gives me immense pleasure to note that, SCE has been publishing bi-annual newsletter and I am sure, this will provide an opportunity for the faculty and students to share their knowledge and beacon the information about various issues and activities that are being taking place in the department. I look forward for more activities and achievements for the department to march towards excellence in the future. I would like to thank all teaching, supporting staff and our 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 this newsletter.

Vice- Principal's Message - Dr M H Annaiah



I am very happy and delighted to know that our college is bringing out the college newsletter. SCE is one of the leading premier engineering colleges in the country offering quality technical education to students thereby enabling them to become globally acceptable engineers in their domains. The newsletter provides a platform for both faculty and students to showcase their achievements and hidden talents. I congratulate our beloved principal and members of editorial board for bringing out this excellent and informative newsletter on time.

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 the period August-September 2019 and the achievements of faculty and students. It is great to find a considerable number of articles, poems and art that certainly prove that our staff and students are adequately equipped and possess necessary skill sets to express their talent. Sincerely congratulate the Chairman, Principal, Vice Principal and editorial team of the department for their unrelenting efforts in compiling this News Letter.

ENGINEERS DAY-2019

The Department of Civil Engineering celebrated Engineer's Day on 16-09-2019. The Engineering Community across India is celebrating Engineers Day on 15 September every year as a remarkable tribute to the greatest Indian Engineer Bharat Ratna Mokshagundam Visvesvaraya (Popularly known as Sir M V). He is held in high regard as a pre-eminent engineer of India. "Role of Engineers in developing India" was the theme of the event. This event is planned to create awareness to students and faculties on Role of engineers in the development of our Nation. . On this day Dr. R. Jagadish, Professor(Retried) UVCE, Bengaluru University gave a lecture on "MILE STONES IN CONCRETE".



He explained 10 important Milestones of Concrete

1. Cement goes back to ancient Greece and Rome, where Greeks and Romans used lime and volcanic ash that reacted with water to form a hard mass. This was used in Roman construction some 2,000 years ago.
2. In A.D. 125 Rome's Emperor the completion of the Pantheon, a circular concrete building with a large, unreinforced concrete dome that's 142 feet in diameter. It rises to a height of 71 feet and has a 27-foot hole, called an oculus, at its peak, which is 142 feet above the floor. The dome has held because of the careful selection and use of aggregate -heavy basalt is used on the outer edges while the lightest pumice is used toward the centre.
3. In 1824 by an Englishman, He burned a mixture of limestone and clay or shale in a kiln and then finely ground it. The name Portland comes from the limestone found on a British peninsula called the Isle of Portland.
4. The patented invention of steel-reinforced concrete in 1867 is usually attributed to Joseph Monier, a Parisian gardener who made garden pots and tubs of concrete reinforced with iron mesh.
5. In 1891 the first concrete street in the United States was poured in Bellefontaine, Ohio.
6. The process for prestressed concrete, which reinforces strength through compression, was developed by the French engineer Eugène Freyssinet in the early 20th century.



7. In 1913, the first load of ready-mix was delivered to a building site in Baltimore, Maryland.
8. In the 1950s, Brad Bowman of Carmel, California, began imprinting individual brick patterns onto concrete using wooden blades. He continued refining the Bomanite Imprint Systems, as the cast-in-place, colored, textured and imprinted architectural concrete paving system was called, until 1970 when the Bomanite Corp. was established.
9. Jon Nasvik expanded on Brad Bowman's idea and in the late 1970s developed the first urethane stamps that imprinted both pattern and texture on fresh concrete.
10. In 2001 Gerry developed Spray-Top, a revolutionary polymer-modified cement that can be sprayed over stamped concrete surfaces for restoration without losing the stamped texture. It also provides a surface that is uniform in colour for dyeing or acid staining. Additionally, Gerry developed a new system for Spray-Top called Roll-Top which performs similarly except it can be rolled on instead of applied with a special sprayer.

LECTURE ON “RESEARCH PROPOSALS AND PUBLICATIONS”

Department of Civil Engineering organized one day Lecture on Research Proposals and Publications on 12th November 2019 with the support of management and principal. The Resource person Dr.Ramaraju H.K Professor and Head, Dayananda Sagar College of Engineering, Bengaluru explained about the following

1. UGC strives to promote teaching and research in emerging areas in Humanities, Social Sciences, Languages, Literature, Pure Sciences, Engineering & Technology, Pharmacy, Medical, Agricultural Sciences etc



I) Major and Minor Research Projects

II) Industry-Institute Interaction Schemes

- a) Industry Institute Partnership Cell (IIPC)
- b) Entrepreneurship Development Cells (EDC)
- c) National Facilities in Engineering & Technology with Industrial Collaboration (NAFETIC)
- d) Nationally Coordinated Project (NCP)

III. Name of scheme(s) & Objective(s)

- 1. Research Schemes
- 2. Sponsored Schemes
- 3. Emeritus Scientist Scheme
- 4. Research Fellowships/Associate ships

IV. Other Science and Technology Promotion Programs

V. Department of Atomic Energy (DAE)

VI. DAE Graduate Fellowships

26TH INDIAN PLUMBING CONFERENCE

A two days 26th Indian Plumbing conference & Exhibition about major natural resource of all living being on earth WATER with theme H₂O way to go on 11th & 12th October at Gayathri Vihar, Palace grounds, Bengaluru. The major plumbing industries conducted huge exhibition over there for new designs for conservation of water. From our college about 40 students participated along 3 faculty members Assistant Professors Rajiv T, Akshay J, Dhruvaraj M S.



Student Participation and Achievements

1. Chanpasha has participated in the event CAD-CLASH and has won the First Place during the International Level Civil Engineering Students tech Symposium, NIRMAAN ICESS 2019, at B.M.S College of Engineering, Bengaluru on 9th-10th November 2019.
2. Hemanth Kumar N and Vignesh Mohan participated as DELEGATE in two-Day National Seminar on “ Research Avenues and Practical Applications in Concrete Technology” (Smart Techniques and Solutions for Realistic Problems in Constructions) on 25th & 26th October 2019 at BMS College of Engineering, Bengaluru.
3. Anusha N M, Anusha N and Nishchitha S 7th Semester Students Participated in One-Day National Seminar on Precast Concrete Technologies “The Latest Trends for Quality Construction in Housing and Infra- Sectors” on Saturday, 7th September 2019 at the Capitol Hotel, Bengaluru Organized by Indian Concrete Institute.

Faculty Participation & Achievements

1. Dr. R L Ramesh, Professor, has participated as Guest of Honour in one day Seminar on “Recent Developments in Concrete and Precast Technologies in High Rise Building” on 23rd November 2019, Organized by Department of Civil Engineering, Dr.T.Thimmaiah Institute of Technology, KGF.
2. Dr. R L Ramesh Professor has presented a technical talk on “Contracts Management” during ICI Student Chapter inauguration at CMRIT Bengaluru on 9th September 2019, Organized by Department of Civil Engineering CMRIT in association with ICI Bengaluru Center.

3. Dr. R L Ramesh, Professor Participated as DELEGATE in two-Day National Seminar on “ Research Avenues and Practical Applications in Concrete Technology” (Smart Techniques and Solutions for Realistic Problems in Constructions) on 25th & 26th October 2019 at BMS College of Engineering, Bengaluru.
4. Mrs.Geetha T S, Assistant Professor Participated as DELEGATE in two-Day National Seminar on “ Research Avenues and Practical Applications in Concrete Technology” (Smart Techniques and Solutions for Realistic Problems in Constructions) on 25th & 26th October 2019 at BMS College of Engineering, Bengaluru.
5. Dr. R L Ramesh, Professor has participated in ICI-Conference & Exhibition on Precast Concrete for Sustainable Construction on 19th & 20th September, 2019 at CSOI, New Delhi.
6. Mrs.Geetha T S, Assistant Professor has participated in One-Day National Seminar on Precast Concrete Technologies “The Latest Trends for Quality Construction in Housing and Infra- Sectors” on Saturday, 7th September 2019 at the Capitol Hotel, Bengaluru Organized by Indian Concrete Institute.
7. Dr. R L Ramesh, Professor has participated in One-Day National Seminar on Precast Concrete Technologies “The Latest Trends for Quality Construction in Housing and Infra- Sectors” on Saturday, 7th September 2019 at the Capitol Hotel, Bengaluru Organized by Indian Concrete Institute.
8. Dr.R.L Ramesh, Professor has attended the BOE Meeting at VTU Examination Section, Belgavi on 17th September 2019.
9. Mr.Rajiv T, Mr.Akshay J, Mr.Pramod K R, Mr.Raghavendra R, Mr.Dhruvaraj M S Assistant Professor attended Products Awareness Program on Usage of 550D Grade Steel in Construction on 18th November 2019 at the Bangalore City Institute- Maharaja Hall

Editorial Board

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Professor & HOD

Co-Editor: Mrs.Geetha T S
Assistant Professor

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