



TVAKSATI



Half-Yearly News letter

DEPARTMENT OF CIVIL ENGINEERING

Issue #16; July-December 2023



Vision:

To be an Exemplary Centre, disseminating quality education and developing technically competent civil engineers with professional integrity for the betterment of society.

Mission:

- To impart technical proficiency through quality education.
- Motivate entrepreneurship through enhanced industry-interaction and skill-based training.
- Inculcate human values through outreach activities.

INSIDE:

1) TECHNOSPACE

- Faculty as Resource Person
- MoUs/Awards/Recognitions
- Journal / Conference
- Faculty Internship
- Patent/ Copyright
- Publication of Research Papers
- Expert talk
- Workshops
- Webinars
- Outreach activities
- Memorable moments

2) STUDENT VOICE

- Paintings
- Articles
- Art

FROM HOD'S DESK

I am happy to note that the Department of Civil Engineering is bringing out the Newsletter TVAKSATI every six months to showcase the department's activities. I hope this newsletter will throw insight into department activities such as workshops, seminars, industrial visits, the academic performance of the students, and other co-curricular and extra-curricular activities. This newsletter also provides a platform for highlighting the achievements of students and faculty members of the Civil Engineering Departments. I congratulate the editorial team members for bringing out this newsletter. I wish you all the best in future endeavors.



Dr.H.N.RAJKUMARA



We are delighted to announce that the Department of Civil Engineering has achieved a significant milestone by receiving accreditation from the **National Board of Accreditation (NBA) for a commendable three-year period**. This prestigious accreditation is a testament to the department's commitment to maintaining and enhancing the quality of education, research, and infrastructure. The NBA accreditation recognizes the department's adherence to high academic standards, effective teaching methodologies, and robust systems for continuous improvement. Our dedicated faculty, state-of-the-art laboratories, and innovative curriculum have played a pivotal role in securing this recognition. This accomplishment not only validates the department's commitment to excellence but also assures students, parents, and the industry of the quality education provided. We express our gratitude to the faculty, staff, students, and all stakeholders who have contributed to this achievement. As we continue to strive for excellence, this accreditation serves as a motivation to uphold the highest standards in education and research within the field of Civil Engineering. We look forward to further advancements and collaborations that will contribute to the growth and success of our department. Thank you for your continued support in making our department a beacon of quality education in the field of Civil Engineering.

TECHNOSPACE

OPEN DAY (PBL): - Industry - Institute Interaction

- Professor Archana K and Mr. Arun Kumar N Research Assistant, visited COMEDKARES on 02-08-2023 discussed about student's internship and their career by building their competitiveness and exposing them to various opportunities available in the industry. Basically, Comedkares offers courses (Social Connect through Field Visit, Innovation and Design Thinking, Robotics) that will improve student's abilities while also providing access to machines, tools, and mentors to make products and solutions that have a beneficial influence on the community. These courses are created in collaboration with industry experts and are supported



Alumni interaction:



- As a part of the NBA Committee visit, a session on Alumni Interaction was arranged on 8th July 2023. About 26 alumni students from 2013-2017 to 2019-2023 batches participated.
- The alumni students provided feedback on the department's contribution in moulding their career, alumni events, and aspects of improvement in future.
- The alumni group consisted of entrepreneurs, students working in core civil engineering industry, IT domain and few who are pursuing higher education.
- The staff were overwhelmed to have alumni students back on campus after a long time. As a token of gratitude, BMSIT Alumni Association T-shirts were given to the students.
- The event was coordinated by Dr Prashanth A (Institute Alumni coordinator), Mrs. Archana K, Mr. Siddanajaiah and Ms. Pooja B.

Journal / Conference:

- Anthony Raj , Vinod B R, Lakshmikanthan P. " Importance Of Calibration In Geotechnical Engineering Testing Laboratories." International Research Journal of Modernization in Engineering Technology and Science 5, 2582-5208, Issue:12.
- Ms. Sanjana. S*1, Dr. Nayana N Patil*2, Mr. Anthony Raj*3 " Engineering study on Red Soil stabilized bricks using Iron ore with Cementitious binders for Sustainable Construction." International Research Journal of Modernization in Engineering Technology and Science 5, 2582-5208, Issue:12.

UG Funded Projects:

- KSCST selected UG student project for funding for the 46th series of Student Project Programme from department of civil engineering, titled "Sustainable Masonry wall block with Polycarbonate waste" guided by Mrs Shobha R, selected for **State Level Seminar** to be held at **Alva's Institute of Engineering and Technology**, Moodubidire from 11.08.2023 to 12.08.2023

FACULTY INTERSHIPS:

- Dr. Anupkumar G. Ekbote, Assistant Professor, Department of Civil Engineering has undergone industry internship at "THAKUR INFRA MATERIAL TESTING LABORATORY" from 30.08.2023 to 09.09.2023
- Dr Rajakumara H N, Professor, Department of Civil Engineering, has undergone industry internship at **Design Mentors** from 29.08.2023 to 01.09.2023
- Dr. Deepak M S, Assistant Professor Department of Civil Engineering, has undergone industry internship at **SCINDIA CONSTRUCTIONS** from 30.08.2023 to 09.09.2023
- Dr Chandrashekarappa Agasanalli Assistant Professor Department of Civil Engineering, has undergone industry internship at **IndiGeo Consultants India Pvt. Limited, Bangalore** Dated on 22, 25, 26, 29th September 2023 (4 days)

Publication of Research Papers

- Chandrashekarappa Agasanalli, European Chemical Bulletin Journal (Q3) on "Hydrogeomorphological Assessment of Kanakapura Watershed" 2023, 12 (10), 4143-4156, Impact Factor: 0.402, DOI: 10.48047/ECB/2023.12.10.290.
- Mrs Archana K and Dr Deepak M S, Assistant Professor(s) and Bharath Singh B.D (1BY19CV002) , Deepthi B R (1BY19CV007) , Harsh Vardhan Kumar(1BY19CV014), Shaik Arshiya Sadaf (1BY19CV033) 8th semester , Department of Civil Engineering , BMS Institute of Technology and Management, "Study on Development of FRC and its Application on Sluice Gate" at the "International conference on Interdisciplinary Approaches for Sustainable Development (IACESD-2023)" organized by Jyothy Institute of Technology, Bengaluru from 07.07.2023 & 08.07.2023

TECHNOSPACE

OBE Activity

- As suggested in DAB meeting and PAC, outcome-based education (OBE) session for students was arranged on 04.07.2023 at 10:30AM for 2nd semester students.
- The session was arranged to brief the students on course outcomes, program outcomes, program specific outcomes.
- The session was delivered by Dr Rajakumara H N, HoD, Civil. He described the 12 program outcomes and their categories to knowledge, skills, and attitude.
- He explained the mapping of questions in IA papers and their significance.



Workshops:

Memorable moments:

- The membership drive was organized by the student chapter of the Institute of Civil Engineers (ICE-UK) at BMS Institute of Technology & Management (BMSIT&M) on 16th October 2023, aimed to introduce and encourage first-year students to join ICE-UK, a prominent professional engineering institution. The event witnessed active participation from many first-year students, demonstrating a keen interest in pursuing membership with ICE-UK. The attendees engaged enthusiastically, genuinely wanting to explore the offerings and opportunities that ICE-UK presents to civil engineering enthusiasts. Faculty coordinator Prof Shimna Manoharan and student coordinators Boomika KV, Yashas D and Dedeepya PV organized the event.

- Mr Sudhakar G, Assistant Instructor, Department of Civil Engineering has completed Training program on "Laboratory testing of Soil & Rock" for 4 days at SILOM GEOTECH SERVICES LLP from 26.07.2023 to 29.07.2023
- Mr Mahesh Kumar A M, Assistant Instructor, Department of Civil Engineering has completed Training program on "Laboratory testing of Soil & Rock" for 4 days at SILOM GEOTECH SERVICES LLP from 26.07.2023 to 29.07.2023
- Dr. Chandrashekharappa A, Assistant Professor, Department of Civil Engineering attended FDP on 'GNSS Technologies and Indian Research Prospective' from 11.12.2023 to 16.12.2023 at Ramaiah Institute of Technology, Bangalore
- Dr. Anupkumar G Ekbote, Assistant Professor, Department of Civil Engineering attended Regional Meet Institutions Innovation Council MoE's Innovation cell on 09.12.2023 at Reva University, Bengaluru-560064.
- Mr Ravikiran K C, Mechanic, Department of Civil Engineering attended online Workshop on "Pavement Materials and Evaluation" from 11.12.2023 to 15.12.2023 at Indira Gandhi Institute of Technology Sarang, Odisha-759146.



Engineer's Day:

- The Department of Civil Engineering celebrated Engineer's Day on 15th September 2023 as a mark of tribute to **162nd birth anniversary** of one of the greatest Civil Engineer the world has ever produced, **Bharata Ratna Sir Mokshagundam Visvesvaraya**.
- The faculty members and the students of the Department actively organized the event and made it an auspicious one.
- Coordinated by Professor Archana K, Professor Shimna Manoharan and Dr Marsh M Bandi.

• Cinnovil'2023

Department of Civil Engineering has organized four events under CINNOVIL, Tech-transform 2023, namely CRACK THE CAD, STANDING STILL, Deal Seekers & Egg Drop Challenge. The coordinator for the event are Dr Lalit Kumar Gupta & Mrs Shimna Manoharan.



Student Workshop:

- Department of Civil Engineering has conducted a workshop on "BIM software Training" from 06.11.2023 to 10.11.2023 for 2020 Batch students (7th Semester) in Civil Engineering Department. The Report, Feedback and Certificates submitted to the department. Total 50 students participated in the training.
- Faculty incharge: Dr. Chandrashekharappa A



STUDENT VOICE

I should not have had her in my heart from the start.
 She was someone I should not have seen.
 This fluttering, I thought it would fade as time passed.
 And when it faded, I thought I could leave easily.
 But then that was an immature misconception.
 In order to stay by her side...
 It was an excuse
 Inside that misconception and excuse.... I was very happy.
 Even if that happiness stemmed from lie, I thought the lie would become truth if I argued it a thousand times.
 If I argued it a thousand times, I thought my dream could become a reality.
 But now, no matter how I close my eyes and block my ears, no matter how I try to argue.
 The truth is still in its place!
 Now it's the time for me to wake up from my dreams.
 No matter how ugly or heavy that truth is, now it's time to look at it with eyes open.

Poetry is a unique and expressive form of literary art that harnesses the power of language to evoke emotions, paint vivid imagery, and convey profound messages in a condensed and rhythmic manner.

Poems are miniature worlds crafted with words, inviting readers to explore the intricacies of language, emotion, and the human condition in a concentrated and

I had no choice at some point the world became a place people like us can't live in.

Because if you don't meet the set standards you are treated like a failure, that's when I thought at first to that you are living your life running away because you fail to adapt to reality.

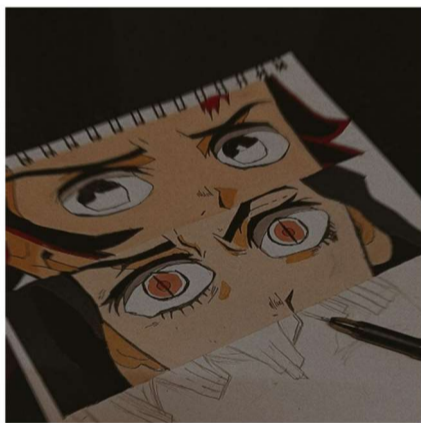
But you know what?

I think I kind of understand now since when did this world became a place where even dreams have to meet a standard?

Just what kind of qualifications are necessary to become a respected adult?

I just need to be me so why do we try so hard not to fail to far from the norms of the average person?!

Poetry by **Sridevi C R (3rd Sem)**



Art done by **Sneha L (3rd sem)**

This mesmerizing mandala art piece is a symphony of intricate patterns and balanced symmetry. The artist has intricately woven delicate lines and geometric shapes into a mesmerizing circular dance, creating a visual journey that invites contemplation. At the heart of this mandala, a central point radiates outward, forming a mesmerizing kaleidoscope of colors and shapes. The meticulous precision in each detail suggests a meditative journey, where the artist has skilfully combined precision and intuition to bring forth a harmonious whole.

Artistic pictures captivate the viewer with a harmonious blend of visual elements, color palettes, and imaginative compositions. They transcend the ordinary, evoking emotions and sparking contemplation. Artistic pictures serve as windows to diverse perspectives, reminding us of the limitless possibilities of human expression and the power of visual storytelling.



Art by **Lepana S Mallappa (3rd sem)**



Art by **Adilakshmi K (3rd sem)**

The artist's brushstrokes convey a dynamic energy, capturing the essence of the clown's playful antics. From the exaggerated curve of the painted lips to the exaggerated contours of the costume, every detail contributes to the sense of theatricality. Splashes of bold reds, blues, and yellows add a sense of drama, while softer pastels in the background create a dreamlike atmosphere.

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 (department of civil engineering)

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