



TVAKSATI



Half-Yearly News letter

DEPARTMENT OF CIVIL ENGINEERING

Issue #14; July-December 2022



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.

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STUDENT VOICE

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FROM HOD'S DESK

The TVAKSATI Newsletter, which highlights departmental initiatives, is published by the Civil Engineering Department every six months, which I find to be beneficial. The activities conducted in the department such as workshops, seminars, industrial trips, student academic performance, and other co-curricular and extracurricular activities are included. This bi-annual publication provides a platform for exhibiting the successes of the faculty and students in the Civil Engineering Department. I applaud the editorial staff for putting this newsletter together. My best wishes for the newsletter



Dr.H.N.RAJKUMARA

ICE student chapter Launch

On 15th October 2022, the Institute of Civil Engineer's - UK (ICE) Student chapter was launched, supervised by the ICE faculty advisor Mrs Shimna Manoharan and taken up by the student committee. Smita Sawdadkar CEng FICE (Delivery Head, ICE Local Chapter Rep, awarded Amazon International Inspiration Award, Atkins Technical Leadership and India's Top Future 100 Leaders Award), Debabrata Mukherjee (Senior Practice Manager, Head of Discipline - Structures, India, Chair ICE Bengaluru Chapter), CEng FICE, Hrudya C S GMICE (Senior Geotechnical Engineer at Atkins Ground Engineering and Tunnelling), Abhinav Gupta (GMICE, Associate Engineer, Atkins, ICE South Asia EC Vice Chair), and Shivom R (Graduate Engineer - Highways Graduate Engineer - Highways WSP- UK). Student council is

President: TAIYAB AMEEN

Vice President: YASHAS D ANANTH

General Secretary: BOOMIKA K V

Treasurer: P V SAI DEDEEPPYA

Events Officer: SHAHEENA M

Media & publicity officer: ADARSH L



TECHNOSPACE

Faculty as Resource Person:

- Dr Athiyamaan V, Assistant Professor, Department of Civil Engineering extended their support as Resource person for FDP named “Advance Computational Techniques in Civil Engineering” and gave Expert talk on the topic “Introduction to modelling of RCC structural Elements using ABAQUS CAE” on 30.11.2022 organized by Department of Civil Engineering, BMSIT&M.
- Dr Marsh Bandi, Assistant Professor, Department of Civil Engineering extended their support as Resource person for FDP named “Advance Computational Techniques in Civil Engineering” and gave Expert talk on the topic “Traffic flow modelling VISSIMMicro Simulation” on 01.12.2022 organized by Department of Civil Engineering, BMSIT&M.
- Dr Athiyamaan V, Assistant Professor, Department of Civil Engineering extended their support as Resource person for FDP named “Advancements in Concrete technology” and gave Expert talk on the topic “Case study on analytical study of SCC with micro steel fibre and modeling using Abaqus” on 21.12.2022 organized by Department of Civil Engineering in association with IQAC Cell, BITM, Ballary
- Dr Rajesh Gopinath (Associate Professor, Department of Civil Engineering & Key Liaison-OIKOS) has chaired a session under Civil Engineering Stream on 2nd July 2022, during the National Conference on Science, Engineering and Management; organised by The Oxford College of Engineering, Bengaluru.

Student Award

Best Paper Award, 2nd Prize for the article titled: Comparative Study to Investigate the Suitability of Sustainable Alternatives in Enhancing Strength Characteristics of Black Cotton Soil, Authored by Asha M N , Vinod B R , Anthony R , **J Akshit Jain** , National Conference on Advances in Construction Materials & Management (ACMM - 2022) from, Department of Civil Engineering, National Institute of Technology Warangal, Warangal, Telangana State. India. on 16.12.2022 to 17.12.2022



Reviewer for Journal / Conference:

Dr Aruna G , Associate Professor, was a reviewer for Journal Sustainability (indexed in SOCPUS; Web of Science)

Mrs Archana K , Assistant Professor, reviewed 3 papers on hydrogeology and hydrology , for the journal titled " Sustainable Water Resources Management", Springer in the month of August 2022.

Faculty Development Programme

Department of Civil Engineering conducted one-week FDP program on “Advanced Computational Techniques in Civil Engineering” from 28.11.2022 to 03.12.2022, Coordinated By Dr Aruna G, Dr Lalit Kumar Gupta and Dr Athiyamaan V



Patent

Vinod B R, Assistant Professor , et.al Application no : 349270-001, Title of Invention: “AN ARCHITECTURAL ENGINEERING CONSTRUCTION DEVICE”, Date of filing of Application : 09-09-2021, Published Date :08-10-2021, Grant Date: : 23/12/2022, Jurisdiction: Chennai, India.

Placement activity

Dr Chandrashekarappa Agasanalli and Dr Lalit Kumar Gupta, Assistant Professor(s), Department of Civil Engineering, BMSIT&M, Conducted Student Development program on Profile Building for 5th semester students on 05.12.2022. Resource persons are Mrs. Shavya and Mr. Anant from Career Labs Bengaluru.

The Department of Civil Engineering conducted three events under the banner of Cinnovil in Tech Transform-2022. The Faculty Coordinator and Student Coordinator for the Event is Dr. Lalit Kumar Gupta & Ms. P V Sai Dedeepva. The name of Events are “Bridge Mania”, “Crack the CAD”, “Civil Quotient” & “Building Blocks”.



Industrial Visit:

- An industrial visit was arranged by the Department of Civil Engineering for 5th semester at Sewage treatment plant at **BMS** Institute of Technology on 08.11.2022 Dr Rajesh Gopinath accompanied students .
- Industrial visit taken for 23 students of 3rd semester to Kolar Gold Fields on 28.12.2022. The subject is related Building Materials & Concrete technology. The visit accompanied by, Mrs Shobha R, Dr Lalit Kumar Gupta & Mr Sudhakar G



Student Induction Program

Conducted Student Induction Program for 2022 Batch students from 21.11.2022 to 30.11.2022 on various activities in Department level and Institute Level. Faculty Coordinators are Dr. Chandrashekhara A and Dr. Lalitkumar Gupta



Sports

Mr Athish Jaikumar and Mr Vinay R of 5th sem Civil Department was a part of Kabbadi team members which remains champions in VTU Bengaluru North zone Division Kabbadi Men Tournament 2022-23

Mr Athish Jaikumar and Mr Vinay R of 5th sem Civil Department was a part of Kabbadi team members which secured 4th position in VTU State level Kabbadi Men Tournament 2022-23

Ms Shinola M F, 3rd semester won 2nd prize in weight lifting competition of 22nd VTU sate level weight Lifting{M&W} & Best Physique{M} Competition 2022-23

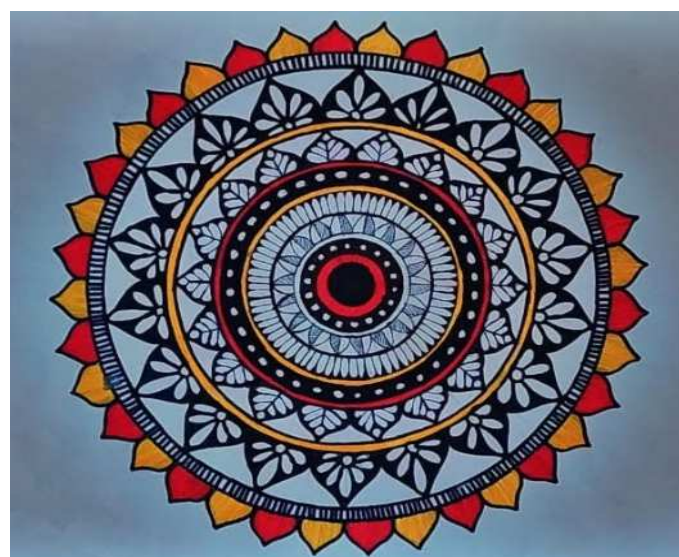
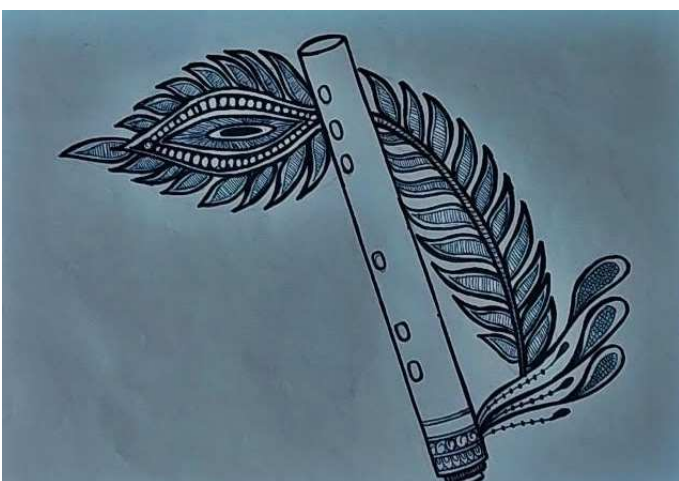
STUDENT VOICE



Boomika KV (1BY20CV005)VI semester



Sketch by Nimitha J(1BY21CV407) VI semester



CIVIL ENGINEERS

In a world built on dreams and aesthetic design,
Where imagination meets the skyline,
Stands the noble craft of civil engineering,
A harmonious blend of art and pioneering.
With the calculations of all precise and errors,
Foundations rooted in rigid ground,
They raise the cities, tall and wide,
Creating spaces where they live.
From large and long structures that touches the sky,
To the bridges spanning rivers that flows by,
Civil engineers shape the world we have,
They become the Master of balancing, as their creations grows.
Each project they undertake,
They dare to create a new design,
Civil engineers, are the best,
Design a future that stays strong and great
So let us salute these bold pioneers,
Whose innovative ideas we often execute,
Holding the key on their hands,
To shape a world for you and me
Shinola M F (1BY21CVO22)

Editorial : Team Tvaksati

Faculty coordinator :

- **Mrs. Shimna Manoharan**
(Department of Civil Engineering)

Student coordinators:

- **P V Sai Dedeepya (1BY20CV029)**
- **Boomika K V (1BY20CV005)**
(mail us at tvaksati.civil@gmail.com)