

BLUEPRINT

Civil Engineering Department's Newsletter Volume 08, Issue 02, January-June 2024

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VISION

To be the Centre of Excellence in Civil Engineering Education and Consultancy by providing holistic, innovative and research centric environment and keeping pace with rapidly changing technologies.

MISSION

- To impart quality education in civil engineering, through effectiveness and innovation in teaching and learning.
- To promote positive interactions among faculty and students and foster networking with alumni, industry and other stake holders.
- To train young minds in soft skills, intellectual and ethical strengths, conducive to globally competitive environment.
- To motivate students for research and entrepreneurship in relevant sectors of society with focus on excellence and creativity.
- To undertake sponsored research and provide consultancy services in all the areas of civil engineering beneficial to the community.

FACULTY CORNER

PAPER/ JOURNAL PUBLICATIONS

Author Name	Title of Paper	Details	National/ International
Dr. Shwetha P	Performance analysis of Fiber Reinforced Concrete by Partial Replacement of Coarse Aggregate with Waste Ceramic Tiles	Sustainability, Agri, Food and Environmental Research, Vol.12, Issue 2	International
Prof. Satyesh Kakodkar	Navigating water scarcity: A sustainable rainwater harvesting approach for Don Bosco College of Engineering	56th IWWA Annual Convention, Coimbatore	National
Prof. Kaushik V Pai Fondeka	Performance analysis of Fiber Reinforced Concrete by Partial Replacement of Coarse Aggregate with Waste Ceramic Tiles	Sustainability, Agri, Food and Environmental Research, Vol.12, Issue 2	International

WORKSHOPS PARTICIPATED

Name of the Faculty Participated	Training Programmes	Date	Organization
Prof. Satyesh Kakodkar	Participated in One-week ISTE STTP on “Emerging Trends in Civil Engineering”	13.05.2024	Don Bosco College of Engineering, Goa
Prof. Swaroopa Sail		to	
Prof. Shruti Jambhale		17.05.2024	
Prof. Starina Dias			
Prof. Prachi Dessai			

**Prof. B. R.
Anirudha**

**Prof. Kaushik V. Pai
Fondekar**

Prof. Jonessa Ferrao

**Prof. Genevieve
Fernandes**

WORKSHOPS CONDUCTED

Name of Faculty/Resource person	Workshop/Seminar	Date
Prof. Shruti Jambhale and Prof. Nadya Baracho.	Mix Design Workshop	31-05-24
Prof. Jeffrey Valadares & Prof Nadya Baracho	ISTE FDP on Emerging Trends in civil Engineering	13-05-24 to 17-05-24

STUDENTS CORNER

INSTALLATION OF ICI STUDENT CHAPTER

Civil Engineering Department of Don Bosco College of Engineering Fatorda and ICI Goa Chapter in collaboration installed a new student chapter for the academic year 2023-24 on 17th Feb 2024

The Installation ceremony was held in presence of the Chief Guest, Er. Ashish Keni, ICI Chairman, Goa Center, Rev. Fr. Kinley D’Cruz, Director DBCE, Dr. Neena Panandikar, Principal, DBCE, Dr. Shwetha P., Head of Civil Department, Faculty members and Students. In session Prof. Shruti Jambhale gave an introduction to IS 10262 (2019) revised version.

The faculty Coordinator of the student chapter Asst. Prof. Shruti Jambhale introduced the newly elected Office bearers and the other members of the chapter. Mr Ashish Keni spoke about the benefits and opportunities of being a part of ICI and also shared his experience on association with ICI in capacity of a member as well as the Chairperson.

After the installation ceremony, Er. Ashish Keni delivered a technical talk on “Implication of Varied Loads on Structural Systems” to the students.



INSTALLATION OF IGS STUDENT CHAPTER & ONE DAY SEMINAR

Don Bosco College of Engineering (DBCE) proudly announced the establishment of the DBCE Students Chapter of the Indian Geotechnical Society, symbolizing a significant leap forward in the academic and professional pursuits of its students. The inauguration ceremony was graced by esteemed dignitaries and faculty members to foster excellence in Geotechnical Engineering. The event witnessed the esteemed presence of Chief Guest, Prof. M. R. Madhav a renowned figure in the realm of Geotechnical Engineering whose insights and expertise added immense value to the occasion. Rev. Fr. Kinley D’Cruz, Director of DBCE, Dr. Neena Panandikar, Principal, Dr. Shweta Prasanna, Head of the Department Civil Engineering and Dr. Purnanand Savoikar, Chairperson of IGS Goa Chapter were also present lending their support and encouragement to the initiative. The newly formed DBCE Students Chapter of the Indian Geotechnical Society also introduced its elected members who will spearhead the chapter's activities and initiatives. Mr. Kshitij assumes the role of Chairperson, Mr. Krish Sharma as Secretary, Mr. Yohan Antao as Treasurer, with Mr. Satyendra Naik and Mr. Avon Carvalho joining as Executive Members, bringing a diverse range of talents and perspectives to the chapter's leadership. Following the formal inauguration, students of SE, TE and BE attended an enlightening lecture delivered by Prof. Madhav delving into the intricacies of Geotechnical Engineering and highlighting its significance in contemporary society. The lecture served as a source of inspiration for students and faculty members alike igniting a passion for exploration and innovation in the field. The success of the inauguration ceremony owes much to the diligent efforts of Asst. Prof. Jeffrey Valadares and Asst. Prof. Swaroopa Sail who served as the coordinators ensuring the smooth

execution of the event and laying a solid foundation for the chapter's future endeavours. The establishment of the DBCE Students Chapter of the Indian Geotechnical Society dawns a new era of collaboration, innovation and excellence in Geotechnical Engineering education and practice. DBCE remains steadfast in its commitment to nurturing the intellectual and professional growth of its students empowering them to become leaders and change-makers in their chosen field.



BE EDUCATIONAL TOUR

The Department of Civil Engineering organized the educational tour to Bangalore and Mysore for the final year students from 26th January to February 2nd, 2024. Students visited Lalbagh botanical garden Mavalli, Bengaluru, Radha Krishna Iskcon temple, Bangalore palace, Cubbon Park, Central library, High court and Vidhana Soudha, Adiyogi Shiva Statue at Chikkaballapur. Students also visited construction sites of high-rise building and villas of Nambiar builders at Sarjapur Bangalore. The Project engineer briefed about the projects and the materials which are used in constructing, its properties, plastering processes, Reinforcements, shuttering, casting etc.

Students were taken to the Mysore Palace to explore the history of Mysore palace, Indo-Saracenic architecture, Islamic, Rajput, and Gothic architecture styles etc. palace is a three-story, gray granite structure, about 75 m (245 ft) long and about 48 m (156 ft) wide. There are square towers, five stories tall, at each of the cardinal points, topped with pink domes. The tallest tower, 44 m (145 ft) tall, is at the center of the palace and is topped with a gold-plated dome. The facade has arches, canopies, and bay windows. There are seven arches and two smaller arches that connect to the centralized arch of the facade.

Students then visited the Karnataka Engineering research Station and Krishna Raja Sagara Dam. The assistant engineer briefed on the construction work of dam commenced in the year 1901 started in 1911 and completed in 1931. The Dam has 173 vertical sluice gates. The eight sets of gates are connected by means of chains and pulleys to a dead weight, which in turn is connected to a float, making up the 'balance weight' together, working inside a masonry well, both on the rear of the dam.

Students also visited the Brindavan Gardens, is a show garden that has a botanical park, with fountains, as well as boat rides beneath the dam. Brindavan gardens were built by Maharaja Jayachamarajendra Wadiyar. It was designed by German botanist Gustav Hermann Krumbiegel. It lies adjoining the Krishna Raja Sagara Dam which is built across the river Kaveri. The educational tour proved immensely beneficial, greatly enhancing student's knowledge and understanding of the subject matter.

The educational tour proved immensely beneficial, greatly enhancing student's knowledge and understanding of the subject matter. The tour was accompanied by Head of Civil department Dr. Shwetha Prasanna, Asst Prof. Starina Dias, Asst Prof. Jeffrey Valadares and Asst Prof. B R Anirudha.



BE FAREWELL (BATCH 2020-2024)

Department of Civil Engineering hosted a farewell ceremony for batch 2024 on 6th May 2024 attended by Director Rev Fr. Kinley D'Cruz, Principal Dr. Neena Panandikar, HOD Dr. Shwetha Prasanna, Civil Department and students from TE Civil. TE Civil students organized games spot prizes for graduating batch and at the end played a video for seniors to walk them down the memory lane. Mr. Satyendra Naik was the host for the event. Some students from BE Civil shared their experience too. Farewell coordinator received forms from BE Civil for the award and the Head of Civil Engineering Department announced the Best Outgoing Student for the year 2024 to Ms. Ayanaa Inamdar amongst the nominees. As a token of love, the graduating batch was given mementos by TE Civil students followed by refreshment. Hearty congratulations to batch 2024 and may you rise and always shine.



FIELD VISIT

Name of Faculty	Field Visit	Class & Sem	Date
Dr. Shwetha Prassana, Prof. Jeffrey Valadares, Prof. Starina Dias and Prof B.R. Anirudha	BE Educational Outstation Tour	BE civil Engineering	26 th Jan to 2 nd Feb 2024
Dr. Shwetha Prassana, Prof. Jeffrey Valadares, Prof. Starina Dias, Prof. Prachi Desai and Prof. Swaroopa Sail	Visit to ONGC, Goa	SE, TE & BE	9 th Feb 2024

WEBINAR/SEMINAR

Name of Faculty/Resource person	Webinar/Seminar	Date
Prof B.R. Anirudha	MIDAS Training	25 th Jan/ 03 rd Feb 2024
Prof. Genevieve Fernandes	Documentation using LaTeX: An overview	23 rd Feb 2024
Prof. Jeffrey Valadares & Prof Swaroopa Sail	Installation of IGS Student Chapter & One Day Seminar	15 th March 2024
Prof. Prachi Dessai & Prof. Jeffrey Valadares	Tech Talks	26 th March 2024
Prof. Kaushik Pai Fondekar	Seminar on Post tensioning	19 th Apr 2024
Prof. Jeffrey Valadares & Prof Nadya Baracho	ISTE FDP on Emerging Trends in civil Engineering	13 th May – 17 th May 2024

PARTICIPATION IN CULTURAL ACTIVITIES

Name (s) of Students	Type & Level of Cultural Activities	Date(s)	Organised by
Rigved Pednekar	Anantara 2024 Fashion Show	24-01-24 to 25-01-24	Damodar College ,Margao
Chirag Verekar,Rahul Betkekar	Anantara 2024 Jugalbandi	24-01-24 to 25-01-24	Damodar College ,Margao
Trinay Naik, Saif Khanapurkar	Anantara 2024 Dance	24-01-24 to 25-01-24	Damodar College ,Margao
Akshay Naik, Harshdeep Adpaikar,Sahil Surlekar, Harshdeep Naik, Siddesh Gaonkar, Rajat Kashelkar, Varad Narvenkar, Prathamesh Bhosle, Mantan Shirodkar, Sunraj Gaonkar	Anantara 2024 Entry Parade	24-01-24 to 25-01-24	Damodar College ,Margao
Kartik Shinde,Kunal Kundaikar,Blake Fernandes,Sarvadnya Dessai	Tathastu 2024 Cricket	15-03-24 to 16-03-24	Chowgule College Of Arts & Science
Zubair Sofi	Tathastu 2024 Fashion Show	15-03-24 to 16-03-24	Chowgule College Of Arts & Science
Rajat Kashalkar, Manthan Shirodkar, Nandan Gaitonde, Varad	Tathastu 2024 Parade	15-03-24 to 16-03-24	Chowgule College Of Arts & Science

PARTICIPATION IN SPORTS ACTIVITIES

Name(s) of Students	Award/Prize won	Date (s)	Organised by
Sadiya Shaikh, Sneha Subramani	Inter-Collegiate Handball-Women	01-01-24 to 05- 01-24	Goa University
Aaryan Raut	Inter-Collegiate Basketball-Men Winners	16-01-24 to 19- 01-24	Goa University

Aniket Sawant	Inter-Collegiate Shotput-Men	25-01-24	Goa University
Bigesh Velip, Preet Mhamal	Inter-Collegiate Volleyball-Men	13-02-24 to 16-02-24	Goa University
Niella Pereira, Sneha Subramani	Inter-Collegiate Volleyball-Women	13-02-24 to 16-02-24	Goa University
Sahil Desai	Inter-Collegiate Cricket-Men	22-02-24 to 18-03-24	Goa University
Yashoda Narse, Sadiya Shaikh	College Sports Day 4x200M-Women 3 rd Place	01-03-24	DBCE,Fatorda
Sneha Subramani	College Sports Day Interdepartment Volleyball Runners Up	01-03-24	DBCE,Fatorda
Sneha Subramani	College Sports Day Control Cricket Winners	01-03-24	DBCE,Fatorda
Grishmaa Bandodkar	College Sports Day Tug of War 2 nd Place	01-03-24	DBCE,Fatorda
Grishmaa Bandodkar	College Sports Day Obstacle race 2 nd Place	01-03-24	DBCE,Fatorda
Shubham Verlekar	College Sports Day Interdepartment Volleyball Winner	01-03-24	DBCE,Fatorda
Shubham Verlekar	College Sports Day Interdepartment long jump 1 st Place	01-03-24	DBCE,Fatorda

PARTICIPATION IN TECHNICAL ACTIVITIES

Name of the Student	Seminar/Workshop/ Technical Events/Conferences/Training programmes etc.	Date(s)	Organised by
Valanka Rodrigues,Bandodkar Grishmaa,Inamdar Ayanaa	56th IWWA Annual Convention	19-01-24 to 21-01-24	Indian Water Works Association
Yashoda Narse,Yogan Kossambe,Shamish Karpe,Chinmayi Naik,Shreyas Surve,Sailee Mahale,Yatin Harwalkar,Gopalkrishna Parab, Aditi Vengulekar,Grishmaa Bandodkar, Inamdar Ayanaa	Student Parliament Competition	21-02-24	Goa Legislature Secretariat
Valanka Rodrigues, Inamdar Ayanaa	Short term training program on “Sustainable Future on Water Resources and Climate Challenges”	12-03-24 to 16-03-24	NIT Goa