

## Scraped Data

Vidyavardhini's College Of Engineering &amp; Technology, Vasai Road

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(Approved by AICTE, DTE Maharashtra and Affiliated to University of Mumbai)

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IGBC

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The Indian Green Building Council (IGBC) is a technical committee of civil engineering department for the development of the student. The aim of an IGBC Student Chapter align with the broader goals of IGBC, focusing on promoting awareness and understanding of green building concepts among students. This may include sustainable construction practices, energy efficiency, water conservation, and other environmentally conscious strategies. IGBC student chapter has its foundation from the inauguration of the department since 2020. From its birth, IGBC student chapter actively organizes the various technical events, Product Showcase, Project Showcase and different workshops related to the civil engineering for the awareness of advancement in technologies. Product Showcase is celebrated on Engineer's Day every year successfully. Also, the participation and interaction of IGBC student chapter with other technical committee for the national level Project Showcase is outstanding. The council offers a wide array of services which include developing new green building rating programs, certification services and green building training programs. The

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council also organizes Green Building Congress, its annual flagship event on green buildings. The aim of the IGBC Student Chapter is to foster a culture of sustainability and environmental consciousness among students by educating and engaging them in advanced building practices, sustainable development, and eco-friendly initiatives.

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sustainable development, and eco-friendly initiatives.

1. Educational Outreach: To organize workshops, seminars, and guest lectures by industry experts to provide students with in-depth knowledge about green building concepts, sustainable practices, and the latest advancements in the field. 2. Hands-On Experience: To encourage participation in design competitions and projects that focus on green building and sustainability, enabling students to apply their knowledge in practical scenarios. 3. Research and Innovation: To foster innovation by supporting student-led projects and initiatives that aim to develop new solutions for sustainable development. 4. Community Engagement: To organize community outreach programs and awareness campaigns that educate the public about the importance of sustainability and green living. 5. Professional Development: To provide networking opportunities for students by connecting them with professionals and organizations in the civil engineering industry. By achieving these objectives, the IGBC Student Chapter aims to create a knowledgeable and proactive student community committed to leading the way in sustainable development and advanced building practices.

The student chapter membership provides VCET, Vasai certain unique reach and access to resources, thereby providing a competitive edge. By becoming a member of IGBC, VCET joins a community of professionals who charter the green building path for India. Moreover, the local chapter at VCET provides:

1. Activities :Student chapters often organize a variety of activities such as seminars, workshops, and guest lectures featuring professionals from the green building industry. These events aim to enhance the knowledge and skills of students in the field of sustainable construction. 2. Projects and Competitions :IGBC Student Chapters may initiate and participate in projects related to green

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building, sustainability, and environmental conservation. They may also organize or participate in competitions, hackathons, or design challenges to encourage innovative solutions.

3. Training and Skill Development :The student chapter may conduct training sessions or skill development programs to equip students with the necessary tools to incorporate green building principles into their future careers.

4. Networking Opportunities :Student chapters often provide a platform for networking among students, faculty, and professionals in the field. This can include industry visits, interaction with experts, and networking events.

5. Collaboration with Industry :Collaboration with local industry professionals, construction firms, and environmental organizations is common. This collaboration can provide students with insights into real-world projects and opportunities for internships.

6. Awareness Campaigns :Student chapters may engage in awareness campaigns within their academic community to promote the importance of sustainable building practices. This could involve organizing awareness drives, green building exhibitions, or community outreach programs.

7. Skill Enhancement Workshops :Workshops focused on practical skills related to sustainable design, energy modeling, and other green building aspects may be organized to enhance the technical capabilities of students.

8. Participation in IGBC Events :Student chapters may participate in or contribute to larger IGBC events, conferences, or initiatives. This allows students to connect with the broader green building community and stay updated on industry trends.

The council is committee-based, member-driven and consensus-focused. All the stakeholders of construction industry comprising of architects, developers, product manufacturers, corporate, Government, academia and nodal agencies participate in the council activities through local chapters. The council also closely works with several State Governments, Central Government, World Green Building Council, bilateral multi-lateral agencies in promoting green building concepts in the country.

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8. Participation in IGBC Events :

PreviousNext

Incharge

:Dr. Viren Chandanshiveviren.chandanshive@vcet.edu.in9112196004Student Committee 2023-24

:POSITIONNAMEPresidentDeeksha ShettySecretaryShreya BariTreasurerAditya KuteIndustry  
Institute Interaction HeadPrajakta BorseCreative HeadKimaya SalunkhePublicity and Magazine  
HeadPrerna KasarData Management HeadSaloni PundpalRashi PawaaskarReports ? Events and

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### Committee Details

:2023-20242022-20232021-2022

### Incharge

:

Dr. Viren Chandanshive

### Student Committee 2023-24

:

### Reports ? Events and Committee Details

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IEEE, the world's largest technical professional organization, is committed to advancing technology for the betterment of humanity. At IEEE Student Branch VCET (IEEE VCET SB), we are dedicated to empowering students and nurturing essential professional skills such as teamwork, leadership, and managerial abilities. Through a diverse range of events including technical workshops, seminars, and guest lectures by industry experts, we provide students with valuable insights and hands-on experience. Our offerings also encompass software and hardware workshops, as well as training sessions aimed at honing practical skills. Join us at IEEE Student Branch VCET as we journey towards fostering technological innovation and excellence for the betterment of society. Attention Tech Enthusiasts! Join us at IEEE Student Branch VCET for an exhilarating journey

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of innovation, collaboration, and professional growth! Dive into the world of technology with workshops, seminars, and hands-on sessions led by industry experts. Stay tuned for updates on upcoming events and be part of the movement to shape the future of technology! #IEEE #StudentBranch #VCET #Innovation #ProfessionalDevelopment #TechnologyForHumanity Instagram ?[https://www.instagram.com/ieee\\_vcet\\_sb?igsh=Z2gzZ3E0MHNuYmVs](https://www.instagram.com/ieee_vcet_sb?igsh=Z2gzZ3E0MHNuYmVs)

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#IEEE #StudentBranch #VCET #Innovation #ProfessionalDevelopment #TechnologyForHumanity

Instagram ?[https://www.instagram.com/ieee\\_vcet\\_sb?igsh=Z2gzZ3E0MHNuYmVs](https://www.instagram.com/ieee_vcet_sb?igsh=Z2gzZ3E0MHNuYmVs)

Anveshan :Anveshan is a product showcase event which is organized by IEEE VCET SB. This event provides an opportunity to students to learn about the technological advancements of products used in industrial organizations. The event is witness to an enthusiastic participation from a wide spectrum of companies which use this platform to display their latest technological innovations, services, and products to effectively illustrate the evolving landscape of industrial



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technologies. Anveshan fosters networking opportunities, enabling attendees to connect with businesses and industry professionals. The event aims to provide companies and entrepreneurs a platform to showcase and advertise their newly launched products with the latest technology. The event's main objective is to enlighten upcoming engineers about recent technologies available in the market. It is a single-day event in which representatives from companies demonstrate their products and train our students regarding the features of their new products. Later, the students explain the latest features of the product to visitors on the day of the event.

**VNPS (VCET National Level Project Showcase ) :** VNPS is an event organized by Vidyavardhini's College of Engineering and Technology (VCET) in association with various departments of different student committees including IEEE, ISA, CSI, IETE, VMEA, ISHRAE and IGBC. The primary objective of this event is to foster a research-oriented culture and promote experiential learning through project-based initiatives. VCET aims to provide a platform for aspiring technical students nationwide to showcase their innovative projects and compete on a national level. It provides a platform for our aspiring technical students to compete with the outstanding projects of students coming from various technical institutes from all over India. VNPS is VCET's highly anticipated annual event, providing a platform for students from all departments to showcase their skills and project ideas. It has garnered enthusiastic participation from both VCET and other colleges, fostering competitiveness and learning. It mainly instills a research-oriented mindset and a healthy competitive spirit among the students. It also offers a plethora of learning opportunities to the participants.

**Oscillations :** OSCILLATIONS is a technical paper presentation event annually organized by IEEE-SB (Institute of Electrical and Electronics Engineers ? Student Branch) and IETE-SF (Institution of Electronics and Telecommunication Engineers ? Student Forum). The primary objective of the event is to give due recognition to the inquisitiveness and creativity of students. It provides a platform for individuals to showcase their research skills, and expertise in their fields. It aims to encourage students to

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explore and present their innovative ideas and research work in front of a knowledgeable audience. It provides a platform for interdisciplinary interaction and enhances the visibility of students' innovative ideas. It essentially hones the students' research acumen and presentation skills to prepare them for publishing and presenting in national and international forums.

**Think Aloud : THINK ALOUD** is an event organized by VCET to promote academic excellence and enhance students' knowledge and skills through engaging interdisciplinary discussions. It provides an inclusive platform for students to engage in group discussion and openly express their thoughts and opinions in a public and formal setting. Before the event begins, diverse topics are provided to the students to formulate a few key ideas in advance. The event comprises of a traditional group discussion round and an elimination round. The event serves to augment students' communication and presentation skills. It encourages students to lead, assert, defend and conclude their individual arguments while simultaneously leveraging or amicably contradicting with the opinions of the other students in the group.

**Outreach Activity: STEM workshop** is a step towards providing a platform for students to use technology for learning science concepts. As they are the fertile ground from which future technocrats and industry leaders will be nurtured. This workshop also enhances analytical and logical thinking skills in students. They will start noticing how technology and science can go hand in hand. It will also promote their ability to analyze and find out variety of solutions for the same problem. The workshop is receiving a positive response and acceptance from students as well as teachers.

**Expected outcomes from this workshop**

- Fosters ingenuity and creativity.
- Builds resilience.
- Encourages experiential learning.
- Encourages teamwork.
- Encourages knowledge application.
- Enhances problem solving ability.

**Industrial Visit :** Industrial Visits serve to broaden students' understanding of classroom concepts and their real-world implementations. It facilitates networking with TIFR researchers and provides insights into future opportunities for research. Overall, this immersive experience adds significant value to the students' academic journey by

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strengthening their prospects in engineering and technology. Seminars/Workshops/Hands-on Training Programs: VCET organizes various hands-on technical workshops for students like MATLAB, Verilog, Arduino etc. which are useful for training and developing their technical skills. VCET also organizes various seminars and training programs hosted by experienced industry experts on latest technological advancements to update and upgrade students' technological acumen.

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Co-ordinator

Dr. Sunayana Jadhav

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Team :

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