

VISHWAKARMA UNIVERSITY

SDG 4 REPORT 2023



**VISHWAKARMA
UNIVERSITY**
Maximising Human Potential

University Grants Commission (UGC) Approved State Private University



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Maximising Human Potential

About This Report

At Vishwakarma University (VU), our steadfast commitment to sustainable development is profoundly aligned with the United Nations' 2030 Agenda for Sustainable Development. These global goals delineate an aspirational vision for a sustainable future, one that VU has deeply integrated into its institutional framework and curriculum.

Our foundational principle, Unleashing Human Potential, reflects our dedication to cultivating an environment conducive to the holistic development of our students, empowering them with the resilience and confidence required to navigate contemporary challenges.

As part of our sustainability mission, VU has reimagined itself as an Eco-campus, exemplifying innovative and sustainable practices. This report details our continual efforts to minimize our carbon footprint and highlights the impactful partnerships underpinning these achievements. For instance, our Certificate Programme in Sustainability Management, developed collaboratively with Hof University of Applied Sciences, Germany, equips students with advanced competencies in business management and contemporary sustainable practices. Additionally, through a strategic partnership with the Wilo Foundation, we have established the Water Quality Centre of Excellence, aimed at advancing water treatment, purification, and public awareness of clean drinking water.

VU's commitment to sustainability extends beyond environmental stewardship. We have launched a dedicated Center for Sustainability, NEXUS, that undertakes activities aligned with the Sustainable Development Goals (SDGs). Our mission is to cultivate informed, ethical, and skilled individuals who uphold principles of equity, inclusivity, and excellence. By engaging students in practical applications of their knowledge, we bridge the divide between theoretical frameworks and real-world challenges.

Our participatory development model actively involves students and industry stakeholders, ensuring that our academic philosophy equips learners with the competencies essential for addressing the complexities of the modern business landscape. VU's extensive network, encompassing over 45 collaborations with prominent industries and educational institutions—including the Maharashtra State Faculty Development Academy, Queen Mary Technical Institute, Buldhana Urban Cooperative Credit Society, and TATA Technical Limited—facilitates industry projects, live projects, internships, and placements, thus enhancing practical exposure and career prospects for our students.

Furthermore, VU is committed to fostering a well-rounded education and community engagement through initiatives such as the VU-Centre for Communication Development, the Sahyadri Communication Project, and the VU Legal Aid Clinic, all integral components of our VU-iPAR Model. This model emphasizes community involvement, and we encourage student leadership through programs such as the National Service Scheme (NSS) and the Student Council. In alignment with the National Education Policy (NEP) 2020, we offer NEP 2020 courses and have established the VUWCOE – VU Wellness Center of Excellence, supporting holistic development in both academic and wellness dimensions.

In summary, Vishwakarma University's commitment to sustainable development and the SDGs is firmly embedded within our institutional ethos. Through collaborative engagement with diverse stakeholders, we consistently integrate sustainability into our operations, fostering a culture of innovation, research, and learning. VU remains committed to preparing future leaders equipped to drive impactful change, contributing meaningfully to the global vision of sustainable development.

Prof. (Dr) Siddharth Jabade
Vice-Chancellor
Vishwakarma University, Pune, India

VU's Participation in the THE Impact Rankings 2023

Vishwakarma University (VU) also participated last year in Times Higher Education (THE) Impact Rankings 2023, which looks at global universities' commitment and performance in furthering the Sustainable Development Goals (SDGs).

VU took part in the 4 SDGs listed below plus the mandatory SDG 17 and the results were as follows:

Overall Ranking 1001+





4 QUALITY
EDUCATION



**Ensure inclusive and equitable
quality education and promote
lifelong learning opportunities
for all**

Vishwakarma University, Pune (VU) is a natural offshoot of the Vishwakarma Group of Institutions' educational legacy spanning more than 35 years. The University has been established as a State Private University through the Maharashtra Government Act in the year 2017. Being University Grants Commission (UGC) approved, VU is authorized to design and implement its own curriculum, conduct examinations, and award degrees. VU is a Member of the Association of Indian Universities (AIU, New Delhi) and awarded as a Emerging University by the Associated Chambers of Commerce & Industry of India (ASSOCHAM - Estd. 1920).

Programmes at VU, Pune are approved by respective councils, namely

- Pharmacy – D. Pharm & B. Pharm programmes are approved by Pharmacy Council of India, New Delhi.
- Law - BBA LLB and LLB programmes are approved by BAR Council of India, New Delhi.
- Architecture - B. Arch Programme is approved by Council of Architecture, New Delhi.

<https://www.vupune.ac.in/admissions/approvals-recognitions>

Learning by Doing VU focuses on academic excellence, positively impacting the student community and the society at large. The learning model at VU is a combination of knowing, practicing, performing, and reflecting. The “learning by doing” approach practiced through industry participation provides an opportunity for practical and pragmatic learning to students. Through a contemporary curriculum and ecosystem of holistic development, the university aims to prepare learners to pursue fulfilling career paths. One such example is VU's association with Lakshminarayana Global Centre of Excellence (LGCE).

Environmental and Disaster Resilience

4.3.4 Education Outreach Activities beyond Campus.

Industrial Visit

Bombay High Court Field Visit - April 24, 2023 Introduction: On April 24, 2023, the final year students of the Department of Law embarked on a field visit to Bombay High Court, Fort, Mumbai. The objective was to provide students with a practical insight into the functioning of the legal system and court proceedings. The visit included observations of court proceedings related to various civil matters, as well as visits to the Court Museum, Office of the Bar Council, and Court Library. Observations Court Proceedings: The students had the opportunity to observe court proceedings, gaining firsthand experience in the dynamics of legal proceedings. This practical exposure was instrumental in enhancing their understanding of the theoretical concepts learned in the classroom. Civil Matters: The focus on various civil matters during the court proceedings provided students with a real-world context for the application of legal principles. This aspect of the visit aimed to bridge the gap between academic knowledge and practical implications in the field of law.

Date: 29th April 2023 Company name: Appystack Pvt. Ltd., Pune Department of Computer Science, Vishwakarma University organized industry visit in Appystack Pvt. Ltd., Pune on . The Total 20 students with 4 faculty members visited the company. We have organized industry visits for our students to get exposure to the industry and to understand how the processes, policies, and procedures are implemented and managed in the industry. Also students got knowledge about full stack development and career opportunities in Cyber Security.

Date : 23-02-2023 Students from Vishwakarma University School of Architecture and Planning in

Pune, enrolled in the second and third years of the Bachelor of Architecture program, embarked on an educational excursion to explore cultural and architectural landmarks. Their itinerary included visits to significant sites such as "Shilpgram," an esteemed museum showcasing traditional arts and crafts from regions like Rajasthan, Maharashtra, Karnataka, and Gujarat. This museum serves as an invaluable resource for understanding rural and indigenous folk art, as well as the cultural nuances of the respective regions. During their visit, the students meticulously documented various architectural structures to gain insights into construction materials, lifestyle patterns, and cultural practices. Later in the day, they ascended to the historic Sajjangarh Fort, colloquially known as the "Monsoon Palace," situated atop a hill overlooking Fateh Sagar Lake in Udaipur. From this vantage point, students enjoyed panoramic views of Udaipur's urban landscape, encompassing its lakes, palaces, and surrounding developments. Continuing their exploration, the students journeyed to the UNESCO World Heritage Site, Chittorgarh Fort, renowned as one of Asia's largest forts and a prominent historical landmark in India. Engaging with faculty and students, they gained valuable insights into cutting-edge research, academic programs, and innovative design methodologies. Additionally, they explored the city's urban development initiatives, including the Sabarmati Riverfront Project and the recently inaugurated Atal Bridge, further enriching their understanding of contemporary urban planning practices.

https://drive.google.com/drive/folders/1m1DbBfmD7AsCLmB_nAaEDlhvi3CznsM0



Vishwakarma University, Department of Computer Engineering, Faculty of Science and Technology has celebrated the IBM ICE day on 21st April 2023. IBM ICE Day is a platform to showcase the talent along multiple dimensions. Several competitions were organized in order to create a healthy competitive spirit among students in a team event, along with improving their technical expertise. The followings are the 3 main events conducted for SY TY and final year students of Computer Engineering.

1. Hackathon for TY students : This comprises a high level conceptual understanding of a problem statement and its proposed design solution.
2. Paper presentation SY students: This is the first step towards inculcating a research attitude among undergraduate students.
3. Project presentation for Final year students: It consists of the major project showcase in different domains.

<https://docs.google.com/document/d/1l8eO2IGyGPW-G0HZaFJgm617qdg3dhaS/edit>



5. On October 11th 2023, a group of BBA-IB and BBA Semester 3 from Vishwakarma University visited the **Oxycool Water plant- Shelke group which is located in Kodhapuri, Taluka Shirur, District Pune, Maharashtra**. The visit was organized by faculty of Commerce and Management **Prof. Sweety Thakkar and Prof.(Dr.) Ashwini Sonawane**. The main objective of the visit was learning, understanding, and improving communication skills and for that Industrial visits are an important part of the curriculum. They provide students with an opportunity to learn about the real-world working environment of businesses and industries. The industrial visit to the Oxycool Shelke Group Water Plant was a valuable learning experience for BBA and BBA-IB (Sem 3) students. It provided them an opportunity to learn about the water purification process, the latest technologies used in the water industry, and the challenges and opportunities in the water sector. It also helped them to develop their communication and interpersonal skills by interacting with industry experts. The overall experience was invaluable, the staff was friendly and provided students with detailed information about the whole plant

<https://drive.google.com/drive/folders/196jqcOdM7tV6LSVn60D60ZakSyngKiZu>



4.4.1 – No. of Students started Degree at the Vishwakarma University in the Academic Year 2023-24 =1549



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