

VISHWAKARMA UNIVERSITY

SDG 13 REPORT 2023



**VISHWAKARMA
UNIVERSITY**
Maximising Human Potential

University Grants Commission (UGC) Approved State Private University



EDITORIAL BOARD OF THE SUSTAINABILITY REPORT:

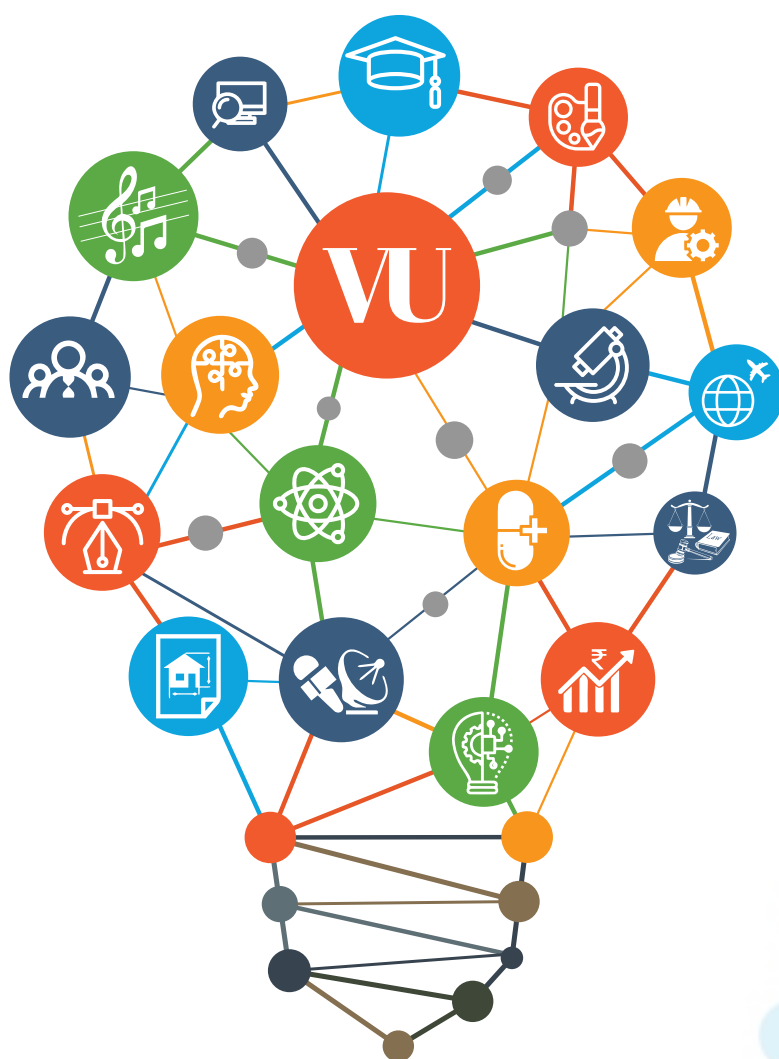
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Maximising Human Potential

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+



In 2023, Vishwakarma University actively contributed to Sustainable Development Goal 13 –Climate Action because Climate change is now affecting every country on every continent. It is disrupting national economies and affecting lives, costing people, communities and countries dearly today and even more tomorrow.

People are experiencing the significant impacts of climate change, which include changing weather patterns, rising sea level, and more extreme weather events. The greenhouse gas emissions from human activities are driving climate change and continue to rise. They are now at their highest levels in history. Without action, the world's average surface temperature is projected to rise over the 21st century and is likely to surpass 3 degrees Celsius this century—with some areas of the world expected to warm even more.

To take initiatives for climate action Vishwakarma University Contributed in various ways by promoting activities regarding awareness about climate, saving water, saving earth, rain water harvesting tree plantation etc. Furthermore, the university celebrated World Water Day , raising awareness about balanced diets, food sustainability, and the importance of proper nutrition among the campus community.

World Water Day:

Under the category of SDG 13, Vishwakarma University in Pune celebrated World Water Day from April 12-13, 2023.

Announcement on social media

We are delighted to announce the National Nutrition Week Celebration and the launch of the Health and Wellness Forum, Sushrut by Students Welfare, VU. Cheers to good health and good life!

https://drive.google.com/drive/folders/10KyeIE3dzCeI_hFWE6QNeo59XNpj7i1I



Program Detail

Purpose:

To celebrate World Water Day 2023.

Event Details:

Date: April, 12-13 2023

Venue: Vishwakarma University, Building No. 02, Pune

Session Attendees:

All students and faculty members of Vishwakarma University, Pune.

About the Event:

World water day 2023, a National level event was celebrated at VU on the theme of "Accelerating the change to solve Water & Sanitation Crisis". VU- Wilo Water Quality Centre of Excellence shouldered the responsibility to sensitize the youth. The celebration began on 12th April with the activity of training and analysis of water samples brought by students. April 13th started with the glorious morning of tree plantation at the hands of chief guest Mr. Hemant Watve, CEO&MD of WILO Mather & Platt and other dignitaries.

Objective:

Raising Awareness of the Water-Climate Nexus by Emphasizing the critical link between water and climate change, as water resources are highly affected by climate-related challenges such as droughts, floods, and rising temperatures.

Promoting Sustainable Water Management by Encouraging the adoption of water conservation practices and sustainable water management to ensure resilience against the impacts of climate change.

Driving Climate Adaptation through Water Solutions by Fostering the implementation of water-related solutions for climate adaptation, improved water storage systems.

Highlighting the Role of Water in Reducing Carbon Emissions by Promoting water-efficient technologies and practices that can reduce energy consumption and help lower greenhouse gas emissions.

Outcomes:


The World Water Day celebrated successfully with great efforts, World Water Day seeks to inspire greater appreciation for water, encourage responsible use, and foster global cooperation in protecting this vital resource for future generations.

Social Media Link for event:

<https://www.instagram.com/p/Cq2UplAOL3e/?igshid=YmMyMTA2M2Y=>

<https://www.facebook.com/100065188080428/posts/>

[pfbid0JcaMFCquMbWdkLUnV3D6NAbuVpYxYXyL4uavxxfrw6UtlGnDqwawqGowvSfacHf5l/?app=fbl](https://www.facebook.com/100065188080428/posts/pfbid0JcaMFCquMbWdkLUnV3D6NAbuVpYxYXyL4uavxxfrw6UtlGnDqwawqGowvSfacHf5l/?app=fbl)



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Water Quality Centre of Excellence and
Department of Engineering Science
of
Vishwakarma University
in collaboration with
WILO
celebrating
WORLD WATER DAY
a National level event
on
Thursday April 13, 2023

On the theme of
"Accelerating the change to solve the Water & Sanitation Crisis"

Partum iORBIS
(In search of Water Conservation)

QUIZ/MCQs
For FY only
(Individual Activity)

Games
SY onwards
(2 Members)

Photography
(The day for BOOND of Water)

Hold the water molecules
Competition only for
FY B.Tech of VU

Scan QR Code to Register

Scan QR code for info of competitions

Contact

Student Coordinator
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Faculty Coordinator
- Prof. Maya Kankar (88066 58466)
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Summary of event:

Vishwakarma University has collaborated with Wilo Mather and Platt Pumps Private Limited to address the critical need for advancements in the Water and Sanitation sector. The university also participates in Unnat Bharat Abhiyan, a national initiative to provide clean and safe water to rural communities.

Rain Water Harvesting:

The rain water harvesting facility is already installed and well maintained in Vishwakarma University Campus. Through its comprehensive facilities, Vishwakarma University Pune aimed at providing constant support for teaching and overall learning atmosphere.

Certification:

<https://drive.google.com/drive/folders/1E4puXhqLSn5ZL1ie-mhOIFeswcEavEX>



Facility available:

<https://drive.google.com/drive/folders/1E4puXhqLSn5ZL1ie-mhOIFeswcEavEX>

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NSS Tree Plantation Report:

Under the Government initiative Meri Maati, Mera Desh, NSS unit of Vishwakarma University organized a drive from 12th September to 21st September 2023 to come together and honor our soil by filling out our very own Amrut Kalash. Students from across all departments came to the spot where the Kalash was kept over the days of the event, and deposited the soil they had got with them in the pot. The activity was witness to more than 50 students as well as faculty members participating enthusiastically to fill the Amrut Kalash. Vishwakarma University has launched an extensive tree plantation program, which includes the planting of 49 native Indian trees on the campus. During this activity, government guidelines for social distancing were strictly adhered to. Additionally, the program emphasizes water-conscious planting techniques to ensure the sustainability and growth of the newly planted trees.

Links for the Plantation Drive:

<https://www.vupune.ac.in/centres-of-excellence/centre-of-excellence-for-energy-and-sustainability>

<https://www.vupune.ac.in/event/tree-plantation-drive>

<https://www.vupune.ac.in/national-service-scheme>



Conclusion

Vishwakarma University made significant strides in 2023 towards achieving SDG 13 – Take urgent action to combat climate change and its impacts by fostering a campus environment that emphasises on saving the nature by rain water harvesting, tree plantation drive etc. The celebration of World Water Day further solidified the university's dedication to educating the campus community about appreciation for water, encourage responsible use, and foster global cooperation in protecting this vital resource for future generations.



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