

VISHWAKARMA UNIVERSITY

SDG 4 REPORT 2024



**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 2024

Vishwakarma University (VU) also participated last year in Times Higher Education (THE) Impact Rankings 2024, 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**

Sustainable Development Goal (SDG) 4 : Quality Education Report

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).

Indicators:

4.3.2 Quality Education Activities:

Event	Title	Department	LinkedIn Link	SDG 4 Area
Workshops & Training (Innovation, Data & AI)	Workshop – Open Sesame: Your First Step into the World of Analysis	Commerce & Management	Link Workshop –	Advanced Learning, Digital Transformation
	Mastering Data Analysis: Workshop on SPSS	Commerce & Management	Link Workshop –	Learning with SPSS
	Guest Lecture: Data Science – Is It Not the Same as Statistics?	Science & Technology	-	Emerging Technology for Research & Industry
	Digital Transformation Using AI/ML in Electronics Manufacturing	International Relations Cell	Link Workshop –	Industry 4.0 Applications
	Workshop: Empowering Your Business with AI-driven Data Visualization Tools	Commerce & Management	Link Workshop –	AI for Business Innovation
	Workshop on Robotics Process Automation	Commerce & Management	Link Workshop –	Automation & Digital Infrastructure
	Workshop on AIML Technologies	Science & Technology	Link Workshop –	Artificial Intelligence for Innovation
	Three-day Workshop: Leveraging Gen AI for Enhanced Teaching & Research	CTL	Link Workshop –	AI in Higher Education & Research
	One-week Short-term Training Programme on Data Analytics	Science & Technology	Link Workshop –	Data Science & Analytics Skills

4.3.4 Education Outreach Activities beyond Campus.

Event	Title	Department	LinkedIn Link	SDG 4 Area
Industrial Visits & Site Exposure	Industrial Visit to Cotton King	Commerce & Management	Link Industrial Visits & Site Exposure	Exposure to Sustainable Industry
	Industrial Visit – ACG Group of Companies (B.Pharmacy)	Pharmacy	Link Industrial Visits & Site Exposure	Pharmaceutical Industry Infrastructure
Innovation Fests, Conferences & Competitions	VU Entrepreneurship Fest – Vishwa Venture	Innovation & Entrepreneurship	Link Innovation Fests, Conferences & Competitions	Entrepreneurship & Innovation Ecosystem
	Capstone Project Exhibition (B.Tech)	Science & Technology	Link Innovation Fests, Conferences & Competitions	Student Innovation & Research
	Annual Students Exhibition of Faculty of Architecture	Architecture	Link Innovation Fests, Conferences & Competitions	Design & Sustainable Infrastructure
	Innovation Fest 2024	Science & Technology	Link Innovation Fests, Conferences & Competitions	Fostering Innovation Culture
	Navachar – C2P2 Project Competition	CTL	Link Innovation Fests, Conferences & Competitions	Student-led Innovative Projects
	METAMORPHOSIS Media Conference	Journalism & Mass Comm	Link Innovation Fests, Conferences & Competitions	Innovation in Media & Communication
	4th Elets Education Innovation Summit	VC Office	Link Innovation Fests, Conferences & Competitions	Educational Innovations
Guest Lectures (Industry & Tech)	Guest Lecture – Java Application Development & Generative AI	Commerce & Management	Link Guest Lectures (Industry & Tech)	AI in Software Development
	Guest Lecture – High Performance Computing	Science & Technology	Link Guest Lectures (Industry & Tech)	Computing Infrastructure
	Guest Session – Data Science & Analytics in Various Industry Domains	Science & Technology	Link Guest Lectures (Industry & Tech)	Applied Analytics in Industry
	Panel Discussion – Role of AI & ML in Supply Chain Optimisation	Vishwakarma Institutes	Link Guest Lectures (Industry & Tech)	Supply Chain Innovation
	Guest Lecture – Career Paths in Computer Science	Science & Technology	Link Guest Lectures (Industry & Tech)	Future Skills & Tech Infrastructure

Conclusion: At the core of its academic philosophy is the innovative “Learning by Doing” model, which blends conceptual learning with real-world application through active industry engagement. Partnerships such as the one with Lakshminarayana Global Centre of Excellence, along with a robust calendar of educational activities—including expert-led workshops, guest lectures, industrial visits, innovation fests, and community outreach—demonstrate VU’s strong alignment with the UN’s Sustainable Development Goal 4 (SDG 4): Quality Education. This integrated and experiential learning environment not only empowers students with practical competencies but also prepares them to become impactful contributors to industry and society.¹



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