

VISHWAKARMA UNIVERSITY

SDG 17 REPORT 2019





About This Report

The United Nations “Transforming our World: the 2030 Agenda for Sustainable Development” which includes the 17 Sustainable Development Goals (SDGs) has great importance and significance to universities. The SDGs provide for a shared global vision towards sustainable development for all. Vishwakarma University (VU) firmly believes in the vital role that universities can play in the achievement of the SDGs, and has ingrained this aspect in all of its strategies and operations. As encapsulated in its motto - maximizing human potential, VU, since the year of its inception, has worked endlessly towards creating an enabling environment to ensure the wholesome development of its students - preparing them for life and livelihood

VU has embarked on an exciting journey to transform the VU Campus to become an EcoCampus, which will be a testbed for innovative sustainability solutions for the future. The vision of the VU EcoCampus is to develop VU as “a global Sustainability thought leader, committed to improving the society, by providing an empowering partnership for the development of technology and educating the future generation”. Sustainability with an aim to reduce the carbon footprint was the key theme of the function organised to celebrate the launch of the ‘Eco Campus’.

This report showcases VU’s commitment to sustainable development goals in which VU has been actively working in partnership with diverse stakeholders. One such example is VU’s Certificate Programme in Sustainability Management in Cooperation with the HoF University of Applied Sciences Germany, a program in which students gain a deep understanding of state-of-the-art business management techniques and more importantly latest sustainable methods. Likewise, the Wilo Foundation-Vishwakarma University established through a grant from the Wilo Foundation, Germany promotes research in water treatment, purification and create the much-needed social awareness about clean drinking water through its Water Quality Centre of Excellence.

VU continually strives to contribute to the sustainable development of the nation and society at large by developing educated and productive human resources that observe and adhere to the practices of equity, inclusiveness, excellence, ethics, and professional standards.

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





17 PARTNERSHIPS
FOR THE GOALS



**Strengthen the means of
implementation and revitalize
the global partnership for
sustainable development**

Vishwakarma University (VU) strides towards ensuring the sustainable developments reach and proliferate to the stakeholders such as industry, government, people at large for the greater good. This is enabled through collaborations with local, regional, national, and global agencies. VU has well-strategized collaborations with industry, Government agencies, cooperative societies, forums, NGOs in this mission. The stakeholder participation is incorporated in curricular and co-curricular aspects in terms of projects, internships, seminars, case studies at VU to ensure internalisation and integration of this mission intrinsically.

Outreach and networking is an essential aspect of collaborations. VU encourages students and faculty members to participate in conclaves, discussions, and meetings with government agencies to develop policies for the benefit of the society and environment. University collaborates with NGOs, industries, local bodies, and works towards the betterment of society. University closely works with industrial bodies, industries, startups, and research bodies to let innovation reach the grass-root level.

Unnat Bharat Abhiyan

VU has actively participated in the mission by the Ministry of Human Resource Development (MHRD) of the Government of India. It is entitled “Unnat Bharat Abhiyan” [<https://unnatbharatabhiyan.gov.in/blog/index.php/vishwakarma-university-pune-providing-pure-water-drinking-facility/>]. VU has adopted 5 villages around Pune, India as a part of this mission. Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India. The idea is to adopt villages, understand their persistent issues, and find solutions with the help of technical know-how of students as well as faculty members. A dedicated nodal officer and a team of faculty and students are assigned to oversee and implement the adoption of these villages.

<https://www.vupune.ac.in/vishwakarma-news/unnat-bharat-abhiyan>

Swachh Bharat Abhiyan Summer Internship

Six students of VU along with the Nodal officer (Prof Bhosale) participated in the Swachh Bharat Abhiyan summer internship initiated by the Government of India. The internship was held at a village called Sambrewadi, 25kms from Pune, between 9th June to 24th June 2018. As part of the internship, the students spread awareness about the significance of a clean surrounding along with the importance of maintaining personal hygiene. Students involved the enthusiastic children in the village to clean all the public places, showing them films and organized ‘best of the waste’ competition for kids where children made fascinating things from the waste products.

<https://www.vupune.ac.in/vishwakarma-news/swachh-bharat-abhiyan-summer-internship>

Swachhata hi Seva Campaign under Unnat Bharat Abhiyan

Under guidelines of Unnat Bharat Abhiyan, students and staff of VU conducted handholding sessions in three villages adopted by Vishwakarma University, at the foothill of Sinhgad, Pune, namely Sambrewadi, Thoptewadi (Ghera), and Thoptewadi (Purva) on 27th and 28th September 2019 to take ahead the campaign on “Plastic Free Villages” and encourage villages to use paper and cloth bag in place of plastic bags. For spreading awareness amongst the villagers, students used hand-made creative chart papers to show the hazards of plastic and how it could be eliminated from our environment.



<https://www.vupune.ac.in/vishwakarma-news/swachhata-hi-seva-campaign>

Vishwakarma University-Quick Heal Foundation MoUs For Cy-Fi Karandak And Cyber Security Awareness

A well-known cybersecurity software company, Quick Heal Technologies Ltd. and its foundation "Quick Heal Foundation" along with the State of Maharashtra, Cyber Crime wing, and Vishwakarma University collaborated to organize Cy-Fi Karandak 2019. It was an online nationwide competitive festival that celebrates the creative spirit and yet This collaborative endeavor is for important social causes related to the life and challenges in cyberspace, cybersecurity, and emotional issues therein. The Competition was concluded with the Award Ceremony "Cy Fi Arts Festival Award Ceremony" on 16th November 2019.

The details of this collaborative work as envisioned by leaders from respective organizations are as follows;

1. Organizing Cy-Fi Karandak (a national level short film competition on the theme of Life in Cyberspace)
2. Promoting Cyber Security Awareness (through student engagement and faculty involvement)
3. Strengthening Industry-Academia Engagement (live projects, internships, and volunteering by students)

<https://www.vupune.ac.in/vishwakarma-news/vu-qhf-mous-for-cy-fi-karandak-and-cyber-security-awareness>

<https://www.vupune.ac.in/vishwakarma-news/awards-ceremony-of-cy-fi-arts-festival-2019>

Cyber Security Awareness Training in Schools in association with Quick Heal Foundation and Maharashtra Cyber - Cyber wing of Maharashtra Police

Vishwakarma University students provided Cyber Security Awareness Training in the seven nearby Schools from October 2019 to December 2019.

This activity was conducted by the "Cyber Awareness Literacy Cell at Vishwakarma University in collaboration with Quick Heal Foundation". This initiative is supported by the Maharashtra Cyber - Cyber wing of Maharashtra Police. 2603 students were sensitized during this guided training.



<https://www.vupune.ac.in/vishwakarma-news/cyber-security-awareness-training-in-schools>

Advisory Board

Advisory Board for all the programs comprises of representatives from academia, industry, government agencies/institutions, entrepreneurs, and social enterprises. To parallel go with the government goals, to strengthen industry-university connect, to improve employability enhancement efforts, to integrate industry perspective in teaching-learning, to sensitize teachers about the industry requirements, and to identify industry exposure opportunities for students advisory board is formulated for all levels of programs and Centres at University.

Maha Walkathon, November 2019

Mahawalkathon is an Annual Movement, initiated by the Government of Maharashtra, a joint venture with the Public Works Department, MMVD, CASI Global, and CSR Diary. VU participant in this drive enthusiastically.

<https://www.vupune.ac.in/vishwakarma-news/maha-walkathon-2019-2>

MSME Innovation Summit, September 2019

MSME innovation summit 2019, organized by a German government initiative Deutsche Gesellschaft für Internationale Zusammenarbeit GIZ and Marathwada Association of Small Scale Industries and Agriculture (MASSIA) at Marathwada Auto Cluster- Waluj MIDC, Aurangabad. Project mentors of Vishwakarma University were invited to this summit. The purpose of this summit was to make aware of the problems of MSMEs to the students of educational institutes.

During this summit, GIZ Project "MSME INNO" launched a new round of industry-academia projects in Maharashtra – a showcase of one of the country's current best programs for industry-academia collaboration. Apart from these industry representatives, delegates from the Ministry of MSME, other government agencies, heads of educational institutes, and representatives of successful startups and corporates were present at the summit.

<https://www.vupune.ac.in/vishwakarma-news/visited-msme-innovation-summit-2019>

MOU on Indian Society for Training and Development

Vishwakarma University and the Indian Society for Training and Development (ISTD) are joined hands to strengthen the Industry-Academia Engagement. The collaboration aims to conduct joint research, provide training, facilitating mentoring by industry professionals, live projects, and summer internships for VU students.

Indian Society for Training and Development is a national level professional and non-profit society involved in training and development of human resources for Government, Public, and Private sector organizations. The society is affiliated with the International Federation of Training and Development Organizations (IFTDO).

<https://www.vupune.ac.in/vishwakarma-news/mou-on-indian-society-for-training-and-development>

Multidimensional Corporate Collaboration

Vishwakarma University is open for multidimensional engagement with business and research organizations. We at VU, believe in working faithfully with the industry for mutual and societal benefits. The focus of corporate relations is to establish strong bonds between industry and academia and encourage the participation of industry in the curricular, co-curricular, and other activities to bridge the gap between academia and industry needs.

<https://www.vupune.ac.in/corporates>

Collaboration with Buldana Urban Co-operative Credit Society

To lead and boost the cooperative sector movement for the benefit of the rural and semi-urban population, Vishwakarma University and Buldana Urban Co-operative Credit Society joined hands to empower and enhance the employability of the rural and semi-urban population. Vishwakarma university under this initiative has designed a unique program postgraduate degree program (Masters of Management Studies in Cooperation and Microfinance) to give a broad knowledge of the technical and functional aspects of a cooperative bank and microfinance. It prepares students to enter the corporate world by equipping them with the necessary technical, decision-making skills, and managerial abilities.

<https://www.vupune.ac.in/academics/mba-co-operation-micro-finance-course-college-institute-admission-pune>

<https://www.indiapages.in/vishwakarma-university-buldana-urban-co-op-to-set-up-research-centre-11667.html>

International Collaboration

<https://www.vupune.ac.in/collaborations>

Industrial Collaboration

<https://www.vupune.ac.in/collaborations/2-uncategorised/83-other-collaborations>



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