



SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under section 3 of the UGC Act 1956)

Re-Accredited by NAAC with 'A++' Grade | Awarded Category - I by UGC

Founder: Prof. Dr. S. B. Mujumdar M.Sc. Ph.D. (Awarded Padma Bhushan and Padma Shri by President of India)

Carbon Emission Reduction Target for Symbiosis International (Deemed University)

Introduction:

Symbiosis International (Deemed University) recognizes the urgent need to address climate change and is committed to mitigating its carbon footprint. As part of our sustainability efforts, we have set ambitious carbon emission reduction targets for Scope 1 and Scope 2 emissions, aligning with the global effort to limit the rise in global temperatures. This target will guide our actions and initiatives to achieve a more sustainable, low-carbon future.

Target:

By 2030, Symbiosis International (Deemed University) pledges to achieve the following carbon emission reduction targets:

1. Scope 1 Emission Reduction Target:

We aim to reduce our Scope 1 emissions, which include direct emissions from sources owned or controlled by the university, by 10 % compared to the baseline year 2020. This target will be accomplished through the implementation of various measures, such as:

- Increasing energy efficiency in university-owned facilities and equipment.
- Exploring and adopting renewable energy sources to replace fossil fuel-based energy.
- Promoting sustainable transportation practices for university-owned vehicles.

2. Scope 2 Emission Reduction Target:

We commit to reducing our Scope 2 emissions, which comprise indirect emissions from purchased electricity, by 12 % compared to the baseline year 2020. To achieve this target, we will undertake the following actions:

- Implementing energy conservation measures to reduce electricity consumption.
- Increasing the use of renewable energy sources for powering university facilities.
- Exploring opportunities for power purchase agreements with renewable energy providers.

Progress Tracking and Reporting:



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To ensure transparency and accountability, Symbiosis International (Deemed University) will regularly track and report on our progress toward meeting these carbon emission reduction targets. Progress reports will be shared with stakeholders, including students, faculty, staff, and the broader community, to foster a culture of sustainability and encourage collective efforts in achieving our goals.

Policy Review and Adaptation:

The carbon emission reduction targets will be periodically reviewed and updated, at least once every three years, to align with evolving best practices, technological advancements, and global climate goals. Adaptations and adjustments may be made based on new information, challenges, or opportunities that arise during the implementation process.

Net Zero Target

Symbiosis International (Deemed University) is committed to Net ZERO EMISSION by 2040

To make a tangible difference and contribute to global climate goals, we have set an ambitious target to reach Net Zero Emissions by 2040. This means that by that year, the total amount of greenhouse gas emissions produced by Symbiosis International (Deemed University) will be equal to the amount of emissions removed or offset from the atmosphere.

Our Roadmap to Net Zero:

Achieving Net Zero Emissions will require collective efforts and cooperation from every member of our academic community. As part of our roadmap, we have developed a comprehensive strategy that includes:

- Emissions Reduction:** We will prioritize reducing our carbon footprint by implementing energy efficiency measures, transitioning to renewable energy sources, and adopting sustainable practices across our campuses.
- Carbon Offsetting and Removal:** For unavoidable emissions, we will invest in projects and initiatives that remove or offset carbon from the atmosphere. These efforts may include supporting reforestation projects, carbon capture technologies, and other innovative solutions.
- Education and Awareness:** We will actively engage and educate our students, faculty, and staff about the importance of sustainability and climate action. By fostering a culture of environmental responsibility, we aim to inspire positive change both within and beyond our university community.



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4. **Collaboration and Advocacy:** We will collaborate with like-minded institutions, organizations, and governmental bodies to advocate for stronger climate policies and contribute to the broader global effort in combating climate change.

Our Path to a Sustainable Future:

Our commitment to Net Zero emissions by 2040 is not just a goal but a call to action. It will guide our decisions, initiatives, and investments as we work together to create a sustainable and resilient future. We firmly believe that through collective determination, innovation, and a deep sense of responsibility, we can make a positive impact on the environment and leave a lasting legacy for future generations.

Conclusion:

Symbiosis International (Deemed University) is committed to playing its part in combatting climate change and promoting sustainable practices. By setting ambitious carbon emission reduction targets for Scope 1 and Scope 2 emissions by 2030, we aim to contribute to a more sustainable future and inspire others in our academic community to act for a healthier planet.

Dr. R Raman

Director – Strategy & Development