2023-24

IIT-H
SUSTAINABILITY

DIRECTOR'S MESSAGE:

Inventing & **I**nnovating **T**echnology for **H**umanity-**IITH**

Dear friends,

As we journey towards a sustainable future through
Inventing & Innovating in Technology for Humanity (IITH), I am delighted to showcase IITH's initiatives aligned with the UN's 17 SDGs. Our institution has made significant strides in achieving sustainability goals, which an admirable progress. Today, I emphasize our commitment to key aspects of our Sustainability Policy, including promoting innovation, addressing the SDGs, and striving
for a greener and more equitable world. Together, we can make a lasting impact and contribute to a better future for all.:

- **No Poverty:** IITH provides various scholarships and

fellowships to economically unprivileged students,
elevating not only their lives but also the coming
generations.

- **<u>Zero Hunger:</u>** We not only provide healthy food to our community but also create awareness on reducing food wastage, as every grain saved is every grain gained. Inaddition, we convert the unavoidable food waste to biogas and vermicompost, which contributes to our green campus.

- **<u>Good Health and Well-being:</u>** Our 24x7 health centre caters to the medical needs of our entire community,providing essential services, emergency care, and health education. We are committed to promoting a healthy lifestyle among our members.

- **<u>Quality Education:</u>** IITH stands as a premier institution, providing high-quality education that has greater freedom and flexibility and research opportunities. We offer a robust multidisciplinary curriculum and promote academia-industry interactions.

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- **Gender Equality:** IITH is dedicated to ensuring equal rights and a safe environment for all gender identities and sexual orientations. We proudly support the LGBTQIA+ community through various initiatives and an active support group.
- **Clean Water and Sanitation:** Bioswales and a Sewage Treatment Plant are in operation to manage water run-off and wastewater. We have implemented a comprehensive waste management system focusing on reducing, reusing, and recycling. Our efforts include treating wastewater for reuse, converting wet waste into biogas, and producing vermicompost from biosolids. To further promote sustainability, single-use plastic is prohibited on campus.
- **Affordable & Clean Energy:** IITH is dedicated to clean energy practices, including solar energy harvesting and energy-saving measures. Our existing solar panels generate 1 MW of electricity, and we are actively working to expand this capacity by additional 3.5 MW.

- **Decent Work and Economic Growth:** Our incubation cell supports student entrepreneurs working on sustainability-focused projects. IITH has supported 130+ startups in the last 4-5 years that have generated 1000+ jobs and Rs.1200+ Crore revenue.
- **Industry, Innovation & Infrastructure:** Our buildings are GRIHA rated, focusing on energy efficiency and environmental impact. Solar parking facilities and waste segregation facilities are also available on campus.10. Reduced Inequalities: IITH provides reservations in both student admissions and staff recruitment for socially backward classes to reduce inequalities.
- **Sustainable Cities & Communities:** IITH is involved in research in the fields of smart mobility, future communications for sustainable cities and campus. IITH is engaged in sustained plantation on its campus with every first Saturday of the month declared as Plantation Day. Transportation on campus is supported by EVs to make the campus greener.

- **Responsible Consumption & Production:**
- **Climate Action:** We are taking measures to minimize our environmental impacts, such as regular plantation drives and a vermicomposting facility on campus. We introduced electric vehicle transportation on campus, with regular shuttle services. IITH has a Climate Change department, which not only carries out research on various aspect of Climate Change but also offers an MTech program on Climate Change. IITH is setting up Greenko School of Sustainability, which not only will carry out research on various facets of sustainability but also started an MTech program on Sustainable Engineering.
- **Life Below Water:** IITH researchers focus on improving life below water by studying oceans and water bodies, aiming to protect marine life, preserve biodiversity, and tackle water pollution and conservation challenges through innovative research. Their efforts aim to ensure a sustainable underwater environment for future generations.
- **Life on Land:** Our campus embraces a rich natural landscape, and we continue to promote biodiversity through consistent plantation drives.

- **<u>Peace, Justice, and Strong Institutions:</u>** IITH fosters transparency, global cooperation, and inclusive practices to build peaceful and just societies. Our commitment to research and innovation addresses conflicts, upholds human rights, combats corruption, and ensures access to justice.Engaging with youth and civil society, we strive for transformative impact, creating a harmonious and equitable world.

- **<u>Partnerships for the Goals:</u>** IITH embraces 200+ global collaborations, including 100+ national and 100+ international partnerships with academia, research institutes, labs, and industries, driving innovation and sustainable development worldwide. Through these alliances, we address global challenges, promote technology transfer, and create a positive impact on society. Recently IITH has brought a number of institutes in Hyderabad under one common goal of addressing Grand Challenges of India through collaborative approach under the Glue Grant Scheme.

As we move forward, I call upon each one of you to actively participate in our sustainability efforts. Together, we can make a significant difference and set an example for others to follow. Let us embrace a greener, cleaner, and more equitable future for IITH and the world beyond.

Thank you for your dedication to sustainability, and I look forward to achieving greater milestones together.

Sustain environment for a sustained living!

Best Regards,
Murty