



Pune Knowledge Cluster Presents SUST-EN Series

Title - Carbon Accounting for Investing in A Safe Future on Earth

Organized By	Pune Knowledge Cluster (PKC)
In Collaboration with	Samuchit Enviro Tech
Date	22 nd April 2023
Time	4 PM to 5 PM (The event will be conducted on Zoom platform)
About PKC's SUST-EN Series	PKC's sustainability and environmental initiatives are focused on making Pune resilient in terms of food, water, and livelihood. Achievement of this goal requires increasing vegetation cover, which other than food, water, and livelihood security can also help in climate change mitigation. This also helps in multiple other ways such as increased carbon storage, reduced emissions of GHGs, and support industries. PKC's Sust-En series consists of public talks, focused group discussions, and workshops with experts in the environment and sustainability space. Through this series, we aim to promote collaborations, co-creation of technologies, and conceptualization of city-scale projects to solve key issues related to carbon emissions, wastewater treatment, improving air quality, and green energy production.
Abstract	The science of climate change will be briefly described leading to the principles of carbon accounting. Why knowledge of carbon accounting is important for a focused response to the challenge of climate change will be discussed. The basic framework of carbon accounting (the scopes) will be outlined. The personal carbon footprint calculator and the online course on Basic carbon accounting will be introduced. The carbon neutral campus initiative will be described in brief.
Speaker	Dr. Priyadarshini Karve Managing Director, Samuchit Enviro Tech
Registration Link:	Link - https://forms.gle/dZDixbUXAN8P3vpL7 <div data-bbox="566 1619 673 1728" data-label="Image"> </div> QR Code:
Number of Seats	The talk is free and is open to all.



Dr. Priyadarshini Karve
(Managing Director,
Samuchit Enviro Tech)

About the speaker:

Dr. Priyadarshini Karve (Ph.D. in Physics, University of Pune) is a founder director of Samuchit Enviro Tech, a social green enterprise promoting environmentally sustainable lifestyle products and services since 2005. The organic waste to biochar technology developed by her won the Ashden Award for Renewable Energy in 2002. In a career spanning nearly 25 years, she has developed and promoted decentralised organic waste to fuel technologies and improved cook stoves based on biomass fuels. She has invented an easy-to-use Samuchit Carbon Footprint Calculator for citizen and conducts workshops on climate friendly lifestyle, sustainable urbanisation. She is a Co-Founder of OrjaBox LLP, a green start-up, from 2021. She is a Founder Member and on the Board of Directors of Clean Energy Access Network (CLEAN), a registered society in India and serves on the Governing and Advisory Bodies of many national, international organisations. She is also the National Convener of Indian Network on Ethics and Climate Change (INECC). She teaches courses on Sustainability, Physics, and Big History (History of the Universe) at Symbiosis School for Liberal Arts (SSLA), Pune, India. She is co-editor of 'Shaikshanik Sandarbh' a Marathi language bimonthly on Science and Education. Her work has been honoured by various national and international awards and accolades.



About the organizer:

The Pune Knowledge Cluster (PKC) has been established by the Office of the Principal Scientific Adviser to the Government of India. The aim is to bring together academia, R&D institutions and the industry of Pune and its surrounding areas, to address the challenging problems of the region through innovative means, using scientific knowledge and engaging highly skilled human resources. Furthermore, PKC aims to foster capacity building and promote skills development and entrepreneurship among the students and professionals of the city. All relevant organizations and experts will be partners and consulted to identify sustainable solutions to the problems of the city and improve its liveability and prosperity. While the PKC is administered by the Inter-University Centre for Astronomy and Astrophysics (IUCAA), it is a project of and for the whole city. In the initial phase, PKC would focus on air, water, health, and sustainable mobility. For more information, visit: <https://www.pkc.org.in/>



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In collaboration with

Samuchit Enviro Tech is a social enterprise, working in India, since 2005. They are focused on enabling individuals, households, institutions, and small businesses to embrace sustainability in their daily activities. While the majority of their activities are focused in western India, they have been involved with a number of pan-India projects as well as projects in other countries in Asia and Africa, either as service/product providers or as consultants/advisers.