

10 Environmental Changemakers from across India



EnviroVigyan

**Designed and
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About EnviroVigyan

EnviroVigyan is a registered not-for-profit, non-government organization (NGO), founded by Dr. Anchal Garg in the year 2021. The scientific activities of this organization are supported by a dedicated team of experts drawn from academia and research institutions. The self-motivated dynamic group of experts works in multi-disciplinary areas of societal importance covering different issues of environmental concern. The research, training, and awareness programme focus on the thematic areas ranging from air pollution, waste management, water and sanitation, to climate change, ecosystem restoration, and associated public health.



Know About

Our Environmental Change Makers

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Bengaluru's Vani Murthy, popular as **worm queen of India,** *known as the composting crusader of the country*



Vani Murthy, 60, a pioneer in terrace gardening, home composting, and bio-cleaners, is recognized as one of India's top social media influencers. Vani Murthy is running a mission to manage household waste keeping in mind an eco-friendly approach to life. Through this mission, she encourages domestic waste to be composted.



The National Geographic announced a series of short films “**One For Change**” which would showcase 10 individuals from across India (Known as **Environmental Changemakers**) who have contributed to the conservation and restoration of the planet.

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**2**

Purnima Burman Devi,

The leader of the Hargila Army,
working towards the protection of endangered
Greater Adjutant Stork in Assam



Purnima Devi Burman is a conservationist and wildlife biologist. Purnima leads one such Hargila Army in rural Assam, whose members are more than 11,000 wildlife conservation women. All the women involved in the Hargila Army are engaged in saving the extinct Greater Adjutant Stork (Stork) species. As a result of the efforts of the Hargila Army led by Purnima Devi Burman, the Greater Adjutant Stork has been listed as 'endangered' in the IUCN Red List of Threatened Species.



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Tejas Sidnal,

Founder of Carbon Craft Design,
*capturing carbon pollution and
converting it into carbon tiles*

With the intention of creating a commercial solution to curb carbon emissions and with a strong inclination towards biomimicry, Tejas started a Mumbai-based startup named Carbon Craft Design, which is transforming polluted air into affordable carbon tiles. The platform enables them to experiment with challenging assignments on the Tech-Craft-Design platform and explore innovative sustainable strategies around clean air.



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Venkatesh Charloo,

pioneering marine conservationist who is helping in coral restoration in Goa



Passion for marine conservation, Venkatesh Charlu quit his banking job and started an initiative on citizen science for Certified Scuba Divers. The objective of this initiative is to conserve and protect the coral present in the sea area of Goa. To make this initiative a success, he is constantly creating awareness among the people about the marine ecosystem, while also motivating people to become Ocean Ambassador as a diver and save the precious marine life of Goa.

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Delhi's Vidyut Mohan,

A 2020 UNEP global changemaker & Founder of Takachar that is converting waste farm residue into activated carbon



Vidyut Mohan, has developed and patented a design for low-cost portable devices. With this technology, he is working on a mission to reduce air pollution caused by burning of crop residues, reduce carbon emissions and remove carbon from the atmosphere. Under this mission, he is working towards utilization of waste biomass to make fuel, fertilizers and special chemicals.



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Varsha Raikwar,

a young climate change radio reporter from Bundelkhand, who raise awareness around environment and cleanliness and climate change for rural areas



Varsha Raikwar, a radio reporter by profession, uses her voice to raise climate awareness among people in the villages of Bundelkhand. Varsha, through her stories, encourages Bundeli villagers to bring about a positive change in their daily lives. Their vision is to educate people about environmental issues and ensure each other's contribution to uphold traditional practices.



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Rukmani Katara,

CEO of Durga Energy that is igniting a renewable energy revolution in rural India in Rajasthan



Rukmani, a tribal woman from Durgapur, who has traveled from grocery store owner to CEO of Durga Energy, runs a solar manufacturing company. In this company, 53 women work in making solar panels. To give a new direction to Indian rural households, Rukmani and her team aim to ignite the renewable energy revolution in rural India.

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Poonam & Aditya Singh,
a couple who are rewilding the private land on the outskirts of the Ranthambhore Tiger Reserve

Poonam of Ranthambore origin in Rajasthan is a sculptor by profession and Aditya Singh is a photographer. He converted a barren stretch of land into a lush green forest to restore the balance of nature. These lush green forests growing on barren land have given new habitat to different types of wildlife. Poonam and Aditya have been on a mission for the past decade to plant indigenous trees while maintaining the flow of water on this land. Along with the maintenance of this forest, Poonam and Aditya are also making successful efforts to keep the invasive species of wildlife away from the population. Their efforts have significantly reduced predators such as tigers from roaming nearby farmers' fields.



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Tulsi Gowda,

the 83-year-old known for being an old living encyclopedia of the trees and herbs of north Karnataka

Tulsi Gowda, 83, a native of Honnali in northern Karnataka, is introduced as a living encyclopedia of trees and herbs. Tulsi Gowda was associated with the local forest department for more than six decades. During this time period, he performed the responsibility of planting saplings as well as maintaining nursery facilities. Tulsi Gowda was honored with the prestigious Padma Shri award by His Excellency the President of India in 2021 for his contribution in the work of conservation of trees.

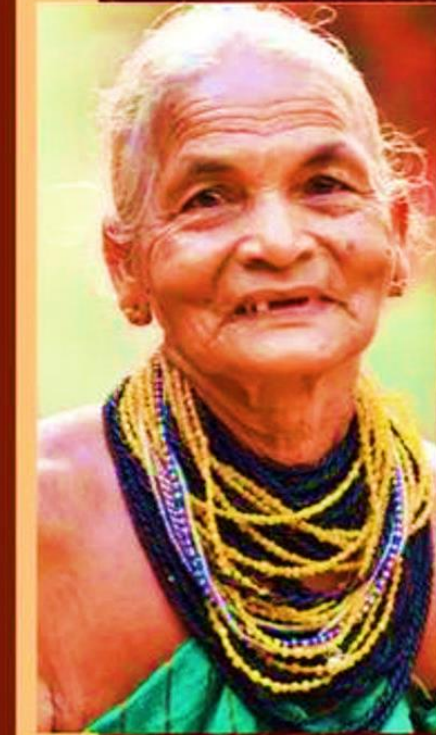


PADMA SHRI
2020

**TULASI
GOWDA**

Social Work (Environment)
Karnataka | 72 Yrs

Halakki Tribal
woman known for
possessing
endless
knowledge of
plants and herbs



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Sonam Wangchuk,

engineer and innovator, who is the founding director of the Student's Educational and Cultural Movement of Ladakh (SECMOL)

Sonam Wangchuk, the founding director of the SECMOL campus, is a true visionary. The SECMOL campus, designed by Sonam Wangchuk, uses solar energy instead of fossil fuels for cooking, lighting or heating. One of the achievements of Sonam Wangchuk is the discovery of the Ice Stupa technology. With the help of Ice Stupa technique, artificial glaciers can be created by storing water in the form of conical shaped ice caps in winter. This technique of Sonam Wangchuk is being used at the international level at present. Soman Wangchuk is currently working on setting up the first Cold Desert University for the upliftment of Ladakhi youth.



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EnviroVigyan's 6E Working Framework



We EDUCATE
People



We ENGAGE
Community



We EMPOWER
Women



We EXPLORE
Solutions



We conduct
EXPERIMENT



We ESTABLISH
Facts

Working Areas:

Air Quality Assessment and Control (AQAC)
Water Quality Assessment and Management (WQAM)
Waste Management and Health (WMH)
Climate Change and Sustainability (CCS)
Biodiversity and Conservation (B&C)
Natural Resource Management (NRM)
Public Health and Hygiene (PHH)

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