











in India. It's possible for us, sitting in landlocked cities, not to gauge the ecological importance of coral reefs, even if we do get their aesthetic value.

"Like rainforests or mangroves," she explains, "coral reefs buffer coastal human civilisation against natural disasters. You might also wonder," upon reading reports of global warming, "just how big of a deal a 'minor' 2-degree change in temperatures over a hundred years can be. That's until you're faced with the consequences."

A dive in the Andaman Sea, off the coast of Thailand in 2009, just after a mass bleaching event in 2008, revealed to Jain a terrifying seascape of whitened shrubbery, completely devoid of life. It's what pushed the philosophy grad and diving enthusiast to seek out a Masters degree in marine biology; and to understand that what's killing sea life is a complex cocktail of plastic waste, diesel fumes and fishing malpractice.

This January morning's dive was no recreational activity. Jain and her "team" of engineers and biologists had gone down to check on the eight metallic structures they've stuck into the seabed, as part of an initiative called Re(ef)Generate. "It's a sort of rescue programme," she explains. "We've been picking up broken or weakened fragments of reefs and transplanting them onto these structures; giving them a low-voltage electric current that, studies say, helps them grow 7-12 times faster and makes them more resilient to higher temperatures." They've also been "creating corals from scratch," incubating some in labs and transplanting them to the sea. "Think of it as afforestation. We're kind of rebuilding the reef."

The day we speak, they were also taking stock of the damage wrought by Pabuk, the cyclone that had just whipped its way through the islands in late December. "Mercifully, there was only some minor denting," Jain sighs over the phone. "But yes, the frequency of such events is increasing. Small islands like ours are always more vulnerable."

Jain realised early enough that, to sustain a regeneration project of this magnitude, especially when swimming against the tide of ever-climbing temperatures, engaging local communities would be crucial. "When people are unemployed," as they might be on an island that depends heavily on seasonal tourism for livelihood, "the last thing you can do is preach about plastic disposal."

Every day, she holds skill-building classes with kids from Chidiya Tapu and neighbouring towns (along with workshops for school and college kids from the mainland), training them to be divers or guides, or in any kind of occupation linked to their habitat. "I figured that a lot of these kids don't even know how to swim, let alone wear a mask and go snorkelling. We're trying to help them connect with the ocean."

As for the hordes of snorkellers, scuba-divers and general seaside revellers planning a visit – numbers that are bound to grow, with a brand new Taj resort on Radhanagar beach and easier access to Viper Island



Nayantara Jain; (below) Prahlad Kakkar and Mitali Dutt Kakkar





"YOU MIGHT ALSO
WONDER JUST HOW BIG
OF A DEAL A "MINOR"
2-DEGREE CHANGE IN
TEMPERATURES OVER
A HUNDRED YEARS
CAN BE. THAT'S UNTIL
YOU'RE FACED WITH
THE CONSEQUENCES"

— Jain isn't worried. Despite the rise in "negative tourism", she disagrees with the school of thought that, "if you remove humans from the equation, nature will be fine." She'd rather we stay aware of our consumption patterns: Realise that the things we dispose of don't actually leave the planet for a long time; pay attention to the ingredients in our grooming products; and understand that very little of all those gorgeous clothes we buy in fast fashion stores actually gets recycled or reused. "Conservation," says Jain, "has to be about finding a way for man and nature to exist together." ☺

