

A
Report On
" Coastal Cleaning "

At- Koliyak Beach , Bhavnagar



Coastal Cleaning

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Introduction To Coastline

India has a coastline of about 7,500 km , with nearly 250 million people living within 50 km of the coast. The coastal area accounts for 130 cities and a very significant share of India's economic infrastructure. Maritime facilities, petroleum industries, and import-based industries are located in the coastal zone, in addition to a large number of poor villages that depend on fishing for livelihood. The coastal areas are also subject to recurrent natural disasters such as cyclones and floods, and the 2005 tsunami devastated large areas especially along the eastern coastal states. India's coastal zone is endowed with a wide range of mangroves, coral reefs, sea grasses, salt marshes, sand dunes, estuaries, lagoons, and unique marine and terrestrial flora and fauna. Due to increasing human population, urbanization and accelerated developmental activities, including industrial and maritime development, the coastal areas have been assuming greater importance in recent years.



Gujarat in particular has great potential for developing beach tourism. At about 1600 km, Gujarat on the west coast has the longest coastline amongst the Indian states and is bestowed with several good beaches. In addition to supporting tourism, these beaches are also important for the coastal communities dependent on fisheries and ports for their livelihood.

About Koliyak Beach

Koliyak, a village in Bhavnagar district of Gujarat, people reach out to Lord Shiva's temple about 1.5 kilometers into the sea. This temple is known as Nishkalank Mahadev temple. 'Nishkalank' has many meanings - they are clean, pure and guiltless.





Also there is a beach people comes on weekends to spent their time & enjoy the nature with family.



When you are enjoying an evening out on the beach make sure you dump any garbage only in a dustbin. It is only a short walk away and will go a long way to keep our city clean. This is the message a faculties and more than 50 students of Gyanmanjari science college tried to spread at the Coastline Cleaning Campaign organised on 26/06/2019 Wednesday at Koliyak Beach.



Concerned faculties and students in a drive to not only clean up the beach but also spread awareness about the harmful effects of strewing garbage.



Watching someone clean up the mess you have made is embarrassing and will hopefully teach people not to litter, said Prof. Narendra Dhoriya a senior faculty who was working since last 6 years in Teaching field.



The clean up, though a success, can be avoided if every visitor to the beach plays their part in ensuring that garbage is not littered. Food vendors usually use bio-degradable covers to serve famous treats like muri-mixture but those enjoying ice-creams throw plastic wrappers all over the place.



Drains

Every vendor has a dustbin attached to his cart but people choose to throw the wrapper in the sand. Ramesh bhai, an ice cream vendor says he tries his best to remove the wrapper of an ice bar before serving it so that he can dispose it off properly but many people prefer to open it themselves.



One of the ways plastic [waset](#) reaches the beach is through drains that flow into the sea. Plastic bottles, water packets, plates and cups find their way to the sand as they have been dumped in the drain upstream. The sheer number of bottles and cups are proof that organisers of large events like caterers are indiscriminately dumping their garbage into these drains.

Marine Life

Apart from being an eyesore the plastic once in the ocean harms marine life as some species confuse them for jellyfish and consume them. Many fish also get trapped in plastic nets and bags. Religious festivals like Ganpati visarjan are particularly harmful as a large number of toxins are released into the Bay. The idea is to impose a total ban on plastic and the organisers plan to request the Government of Gujrat and Government of India to consider the suggestion. The student community of the city particularly participated in large numbers and carried innovative banners to spread the message. Messages like ‘think globally, act locally’, ‘stop being a litterbug’, ‘don’t crib, act’ and posters with hard hitting photos drove the message home.



Our Contribution

Gyamanjari science college organized Coastline Cleaning Campaign under bridge course program of college on 26th june-2019 ,at Koliyak beach .



More than 50 students of first year B.Sc guided by faculties Prof. N.R.Dhoriya, Prof. T.H.Kadaree, Prof. B.C.Batt and Prof. K.R.Tadha to spread awareness about importance of marine life , importance of coastal area and safety precautions.



The Results



▶ **Lost or abandoned fishing gear such as nets, lines, traps and buoys pose the greatest threat to marine wildlife, primarily through entanglement.**



▶ **Plastic bags were the second most impactful item to marine wildlife due to the tendency of animals such as sea turtles to mistake them for food.**



▶ **Consumer products including plastic cutlery, bottle caps, balloons and cigarette butts also exhibit an impact on wildlife, but less so than plastic bags and fishing gear.**

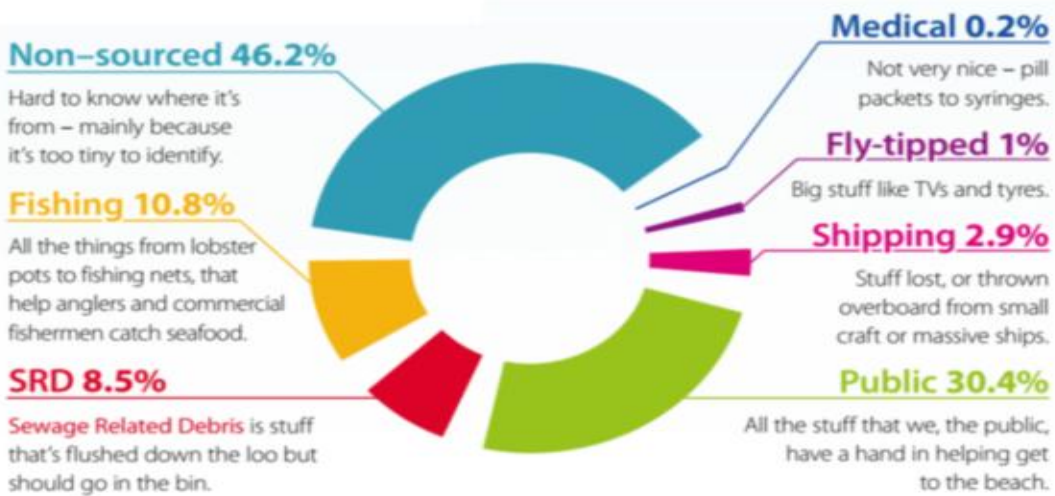
with combine efforts of students and faculties 80-kg of plastic bottle, plastic cap, fishing net, polithin bag, food wrapper, poli-ester cloths, old shoos , rubber tier, glass bottle and many non biodegradable things was pick up and disposed in the right place.



“ This report is not about trash. It’s about people – people all over the world who care about the health of our planet and who put that care into action. It’s about cooperation and coalition, sometimes between the unlikeliest of groups who, setting aside their differing viewpoints, work together for a larger common goal.”



Where does the ocean plastic come from?



Source: Marine Stewardship Council

“Beach cleanups bring people together – school children, fishers, boaters, government employees, port authority personnel, teachers, factory workers, scuba divers and politicians, as well as members of environmental, cultural and civic organizations.



One of the benefits of this annual event is the realization that each volunteer is part of a huge international environmental effort, where hundreds of thousands of volunteers are doing the same thing – making a difference.”



“ You don't get anything clean without getting something else dirty ”