

DON BOSCO INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION
IEEE-DBIT SIGHT STUDENT BRANCH

Report on

**“Field Visit to Study the Rural
Development in Tribal Maharashtra”**

Date: 12th August, 2023

Pick Up Time: 8:45 am

Pick Up Venue: Vasai Sation

NGO Associated: AGA KHAN AGENCY FOR HABITAT INDIA

Attended by : 4 IEEE members 1faculty IEEE member and 14 Non IEEE members

Objective of Visit:

- Gain firsthand insights into the development challenges faced by villages near Palghar's outskirts.
- Explore the impact of Aga Khan Agency for Habitat India's initiatives in addressing these challenges.
- Witness sustainable technologies and community-driven efforts that contribute to holistic development.
- Share our observations and experiences to foster awareness and collaboration for rural upliftment.

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Challenges faced by the Villagers:

- Drinking Water Scarcity
- Unmet Government Policies
- Unemployment
- Agricultural Techniques
- Healthcare and Education
- Less Social Appearance

Solution and Initiative's taken:

- NGO's Involvement in Their Development
- Providing Solar powered Overhead tank for Drinking water supply
- Teaching New Irrigation techniques like Drip irrigation
- Farming Beyond Traditional crops like Floriculture, Medicinal Crop.
- Kitchen Garden Concept involvement women's of villages and to building a seed bank and Mahila Bachat Sangh
- Encouraging Apiculture
- To Bring solutions about domestic violence
- Collaborative Farming
- Solar Powered Flour Mill for Employment as well as to be self Independent
- Roof Water Harvesting and increasing the Ground water level
- Building Bunds to help to slow down and filter runoff water, preventing soil erosion and promoting groundwater recharge.
- Bio Gas Initiative through Human Waste •Vermicomposting for fertilizer
- Eco Tourism

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Description:

The Aga Khan Agency for Habitat India (AKAHI) has significantly improved access to education and healthcare in villages near the outskirts of Palghar. The organization has established schools, upgraded medical facilities, and introduced programs to encourage enrollment, leading to increased literacy rates and a brighter future for the younger generation. Additionally, AKAHI has established healthcare centers, improved health services, and reduced preventable diseases, demonstrating the collective efforts of AKAHI, villagers, and stakeholders.

Villagers, particularly women, are collaborating to promote self-independence and sustainability. They are adopting organic farming practices, promoting environmentally-friendly practices. Local artisans are creating traditional crafts, preserving cultural heritage and generating revenue. The NGO has introduced apiculture and a solar-powered flour mill, allowing villagers to produce honey, a nutritious food source, and contribute to ecological balance. The flour mill, powered by renewable energy, eliminates the need for long-distance travel, generating sustainable income.

Villagers traditionally rely on agriculture and traditional crafts for their livelihoods. However, challenges like climate variability, limited market access, and fluctuating prices can hinder these livelihoods. The Agency aims to create year-round livelihood opportunities like apiculture and local entrepreneurship, reducing urban migration and enhancing rural income diversity and sustainability.

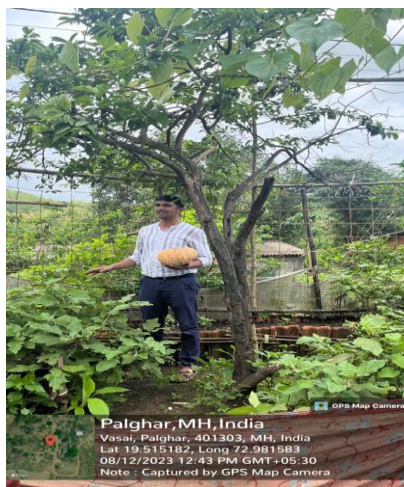
Infrastructure projects in villages, including roads, electricity, and water supply, have improved connectivity, quality of life, and economic opportunities. The NGO collaborates with the community for successful execution.

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Overhead tank for drinking water supply Working on solar power:



Kitchen Garden Concept :



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Apiculture Concept:



Solar Powered Flour Mill:





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Summary of session and Feedback analysis:

The field visit to Palghar district highlighted the pressing needs and challenges faced by the community. Addressing these issues requires a multi – faceted approach involving government agencies, NGOs, and community participation. By focusing on infrastructure development, education, agriculture, and healthcare improvement, sustainable development can be achieved, ultimately improving the quality of life for the local population.

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