



Ashankur Rural Women's Center, Bhokar, Shrirampur, Ahmednagar



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Presented to:

- Ashankur, Shrirampur
- IELA Udaipur
- Resource Scientists

Preface

- Role of Technology – is to Progress in the area of Technology.
- Technology has become an important aspect of our lives. It has changed our lives and helped us to think effectively and creatively. It helps us in learning, researching , keeping information about various things or topics.
 - It helps us to keep data and reports of past, which we must not forget –Place, peoples, lifestyle, trees, plants, animals and agriculture
 - (Soil, water) etc.
 - It helps us to keep good relationship with others through communication - Email, WhatsApp, YouTube, and telegrams etc.
 - We can keep any records of any events through Technology gadgets – GPS, GIS, Note Cam, SW, Google Earth and put them into Excel.
- We as a Ashankur team are learning more and more about technology gadgets through our trainers and trying to empower others in different villages, especially women and children. We are happy that they are very much eager to learn what we want to teach them. They learn and practice them, whenever they need.

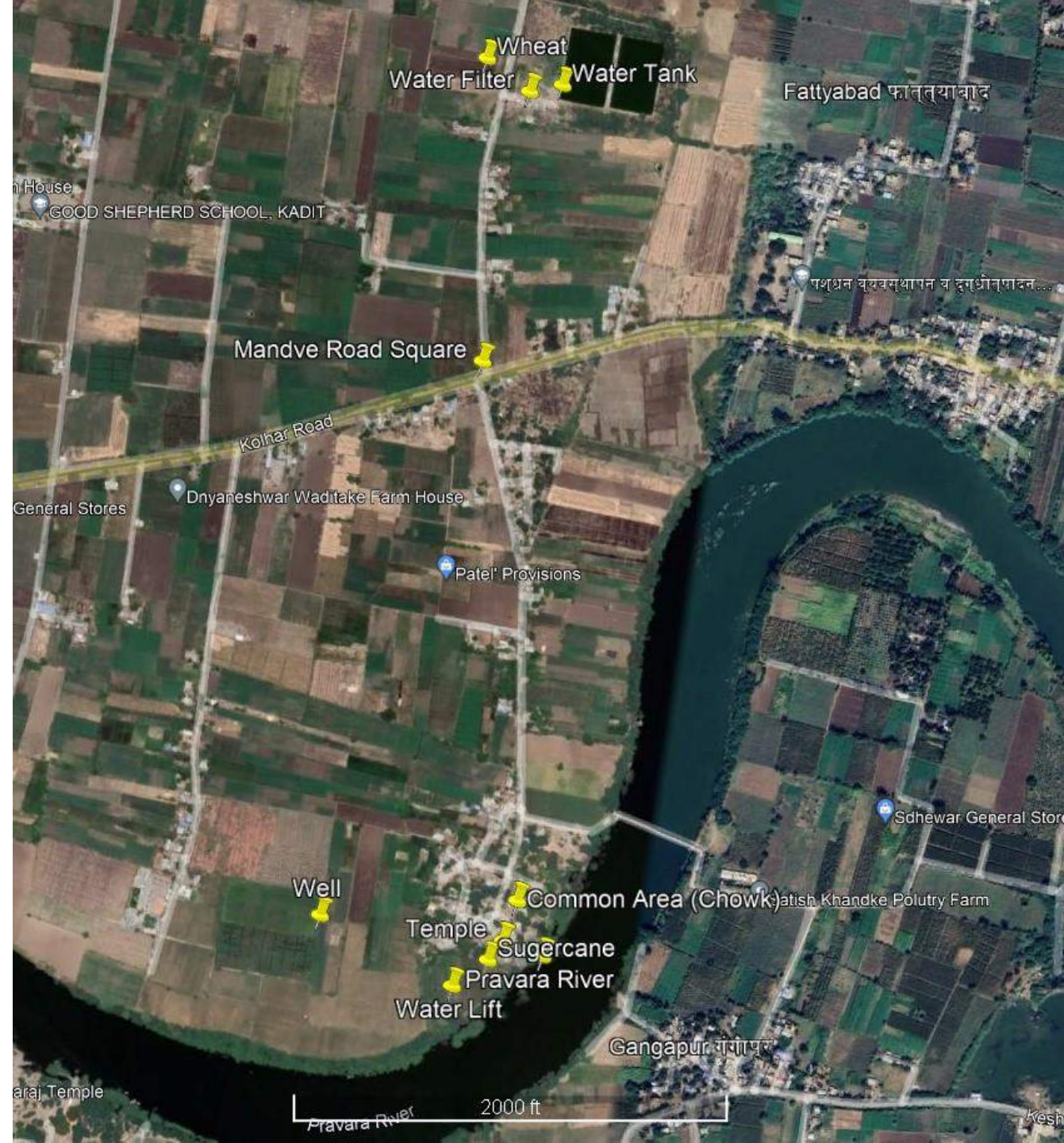
Objectives of adding the technology in livelihood action plan in Ashankur

Our mission is to offer education and social, particularly those dedicated to the well-being of women and children, the necessary support to advance toward the achievement of Sustainable Development Goal 2030. This involves fostering livelihood improvements through the implementation of tangible initiatives, utilizing cutting-edge GIS, GPS, and IT-based tools and techniques to bolster our efforts.

Process of Learning and Data Collection Methods

- Exploring the Interconnections Among Water, Air, Biodiversity, Soil, and Geographical Factors.
- Acquiring knowledge and skills in employing GPS, GIS, and IT to gather and organize field data, including location and photographic data coupled with additional information.
- Employing a mobile GPS status application to collect pertinent data.
- Geospatially visualizing the recorded data by plotting the locations on Google Earth.
- Enhancing proficiency in data collection through the utilization of the SW Map application in the field.
- Creating a database in Microsoft Excel to systematically store all pertinent field information.

Plotted the data with location collected from Mandav village in google earth



Sample of some field photographs by Note cam



Data Collection
during field visits
by Ashankur team
members
(Few samples)

न.	अक्षांश	देशांतर	गावं	जनपद	पेड/पादप/ लता/झाडी/ जड-बुटी का प्रकार	उपयोग	भू-उपयोग	अन्य जानकारी मुद्रा/जलस्तर	फोटो	सर्वेपर
1	19.474732	74.622887	देवळाली	सप्तरंगी	झाडी			घुसखोर झाड		रेखा
2	19.474752	74.622732	देवळाली	इन्सुलिन वनस्पती	जड -बुटी का प्रकार	शुगारसाठी उपयोगी				रेखा
3	19.474863	74.62308	देवळाली	सदाफुली	पेड	खोकला व सर्दी वरील औषध		पत्ता व फुल उपयोगी		रेखा
4	19.475009	74.623015	देवळाली	पार्शी एरंड	पेड	तोंड आल्यावर याचा उपयोग करतात		पत्ता व फुल उपयोगी		रेखा
6	19.586957	74.764877	वडजाई भोकर	जास्वंद, तुळश, कढीपत्ता	पेड	औषधी वनस्पती				अश्विनी
7	19.629686	74.830565	घोगरगाव	घातुरा	पेड	जखम बरी होते व संधिवात वरील औषध				कल्पना
8	19.629668	74.830553	घोगरगाव	दगडफूल	लता	मुळव्याध वरील औषध				कल्पना

Advance methods to collect the data

Enhancing proficiency in data collection through the utilization of the SW Map application in the field



Data collection through the utilization of the SW Map application in the field and plotting on Google Earth which provide the locations, photographs and information of the object in one click.



Image © 2023 Maxar Technologies

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Benefits of adding GIS, GPS and IT to empower the society

- 1.Informed Decision-Making:** Access to data and geospatial insights allows project managers to make well-informed choices, leading to better project outcomes.
- 2.Streamlined Data Collection:** GPS and mobile applications simplify data gathering, saving time and effort during fieldwork.
- 3.GIS and GPS Insights:** GIS and GPS helps analyze spatial data for better project planning, such as identifying suitable locations for interventions.
- 4.Effective Monitoring:** Real-time data collection and mapping enable project monitoring, ensuring objectives are met.
- 5.Community Engagement:** Involving locals in data collection empowers them, fostering a sense of ownership and participation.
- 6.Environmental Sustainability:** Knowledge of geographical aspects and biodiversity promotes sustainable practices within the community.
- 7.Transparency and Accountability:** IT tools ensure transparency, fostering trust among stakeholders and donors.
- 8.Empowering Local Communities:** Training in these technologies equips community members with valuable skills, potentially improving their economic prospects and resilience

Next Plan

Here are future steps, explained simply, for regular folks to use technology to achieve Sustainable Development Goals (SDGs):

- 1.Learn and Train:** Teach educators and community leaders to use technology like maps, GPS, and computers so they can help the community better.
- 2.Gather Information:** Bring together all kinds of information to understand what the community needs and how they're doing. This helps in making better decisions.
- 3.Use Mobile Apps:** Make easy phone apps for people in the community to share what they see and know. This helps everyone stay involved and informed.
- 4.Look at the Information:** Find new ways to learn more from the information you collect. This can show important trends and ways to help.
- 5.Tell People:** Let everyone know about how technology can make their lives better and how it's helping achieve community goals.
- 6.Work Together:** Partner with different groups like the government, non-profits, and businesses to share knowledge and resources.
- 7.Solve Problems Together:** Create solutions that fit each community's unique challenges because what works for one place might not work for another.
- 8.Keep an Eye on Progress:** Use technology to see if your efforts are making a difference and adjust your plans if needed.
- 9.Stay Up to Date:** Keep learning about new technology ideas to make everything work even better. Innovation is key!

Gratitude goes out to the Ashankur team, the Institute for Ecology and Livelihood Action Udaipur, and the resource scientists for their unwavering support in helping us achieve our goals.

we can make technology work for us in achieving the goals we've set to improve our communities.