

Activity Report
Of
“Exposure and field visit for problem identification – 2022”



SANDIP
FOUNDATION

Organized by ,

Ministry of Education (MoE) Institution's Innovation Council (IIC),

Engineers Without Border(EWB),

The Institution of Engineers (India) [IEI]

Sandip Foundation's

Sandip Institute of Technology and Research Centre, Nashik

Date: 16th January 2022

Aim: To identification of the problems and application of engineering technology in agricultural field.

Objective:

To promote innovation, entrepreneurship, critical thinking, and out-of-the-box thinking and provide solution to the problems in agriculture filed.

Venue: Ashoka Estate Developers (P.) LTD. Fruits Processing Unit, Talwade, Trimbakeshwar -422212.

Conducted By: Ministry of Education (MoE) Institution's Innovation Council (IIC), Engineers Without Border (EWB), The Institution of Engineers (India) [IEI].

Name of the resource Person: Dr Gayatri Phade (Academics) and Dr Satish Bhonde (Industry)

Audience: Students, Faculty etc.

Outcomes:

Outcome in terms of Product Development

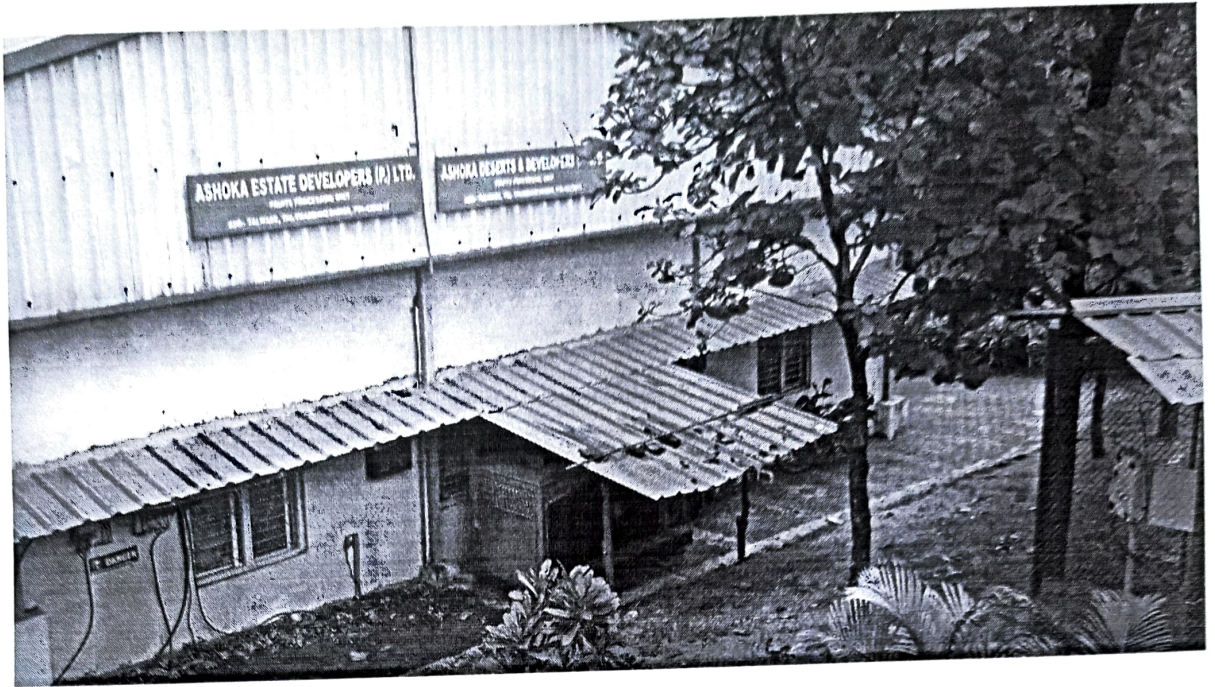
- It will increase the return on investment (ROI) as it will reduce inputs use and increase quality.
- It will reduce the production cost.
- It can provide better information so that we can take better management decisions.
- It will save time and costs.
- It can reduce pollution by reducing more use of chemicals.
- It will reduce unnecessary use of water.
- Early prediction of crop disease.

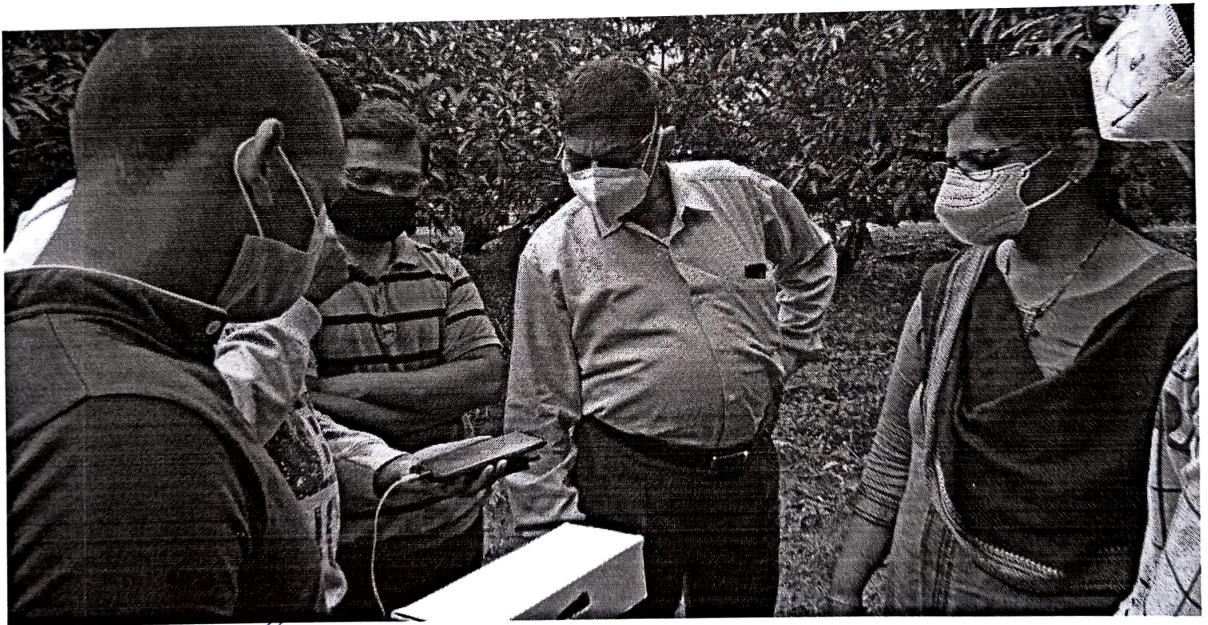
Socially and Economically Relevance

- Will increase agriculture productivity.
- Will avoid soil degradation.
- Will reduce chemical application in crop production.
- Will make efficient use of water resources.
- Will change the socio-economic status of farmers.
- Will provide ease for new commerce's in agriculture.

Developed By:

Young Innovators		Mentor	
Student SF ID	Names	Staff SF ID	Names
122019025	Shaikh Shahzeb Husain Eteqad Husain	1097	Dr. Gayatri M. Phade
112017046	Anshu Sugreev Vishwakarma		
122019007	Suyog Ravindra Kangune		





Swati S. Pawar

Prof. Swati S. Pawar
Convenor, MoE IIC Cell SITRC

Gayatri M. Phade

Dr. Gayatri M. Phade
President, MoE IIC Cell SITRC