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Maratha Vidya Prasarak Samaj's

Arts, Science, and Commerce College, Ozar (Mig) Tal. Niphad

Best Practice-02

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Title: Solar Energy Ambassador

Aims and Objectives

- To spread awareness about non-conversional energy.
- To suggest the way about conservation of energy.
- To enhance the Employability of Rural Youth, Making them skilled persons.
- To organize Training Programs on Energy conservation.

Context

Our college is located in a rural area, predominantly inhabited by farmers, laboures, and individuals with low economic status. Environmental elements, such as weather and changes in climatic conditions, have a significant impact on agricultural productivity. Additionally, living in a rural area sometimes means experiencing frequent power outages from the Electrical Department (MSEB). The majority of individuals rely on conventional electrical resources for their daily activities.

The objective of our Solar Ambassador programme is to raise awareness about solar energy as an alternative source of power. We aim to persuade and inspire individuals to adopt solar equipment for their daily activities, resulting in energy conservation and cost savings, ultimately leading to an improved quality of life.

Practices

Our main purpose is to encourage, inspire, and educate individuals on the utilization of solar energy. To achieve this, we organize Solar Literacy initiatives focused on energy conservation

- Train student for "Solar Ambassador"
- Organizing Energy conservation programme

- Development of nonconventional Energy devices based on solar thermal energy, Solar Photovoltaic energy, wind energy, bio energy.
- Organizing Workshop and Seminar on Use of Renewable Energy
- Organizing energy awareness campaign by giving training to our students, further as a solar energy ambassador they work for awareness in the society and among farmers by conducting energy conservation survey.

Evidence of success/Programme Result

Our trained solar ambassador went to near by village and motivated farmer and people to install solar equipment like solar water and solar pump, solar roof top system, solar dryer and all instruments works on solar energy. They also inform them the benefits of the solar energy which is pollution free and saves cost too.

To promote the implementation of solar energy in society, our trained students initiated a campaign by organizing rallies and personally visiting farmers and villagers. By following a consistent practice, ambassadors effectively alter people's thinking and install solar equipment on their farm and roof of the house.

Problems Encountered and Resource Required

- It is very difficult to change the mindset of society for alternative source of energy.
- Unawareness about Solar Energy
- Limited financial resources/funding/ Installation Expenditure
- Inadequate infrastructure of the houses.

Solar Rallies, Exhibition at Mauje-Sukene

Mauje Sukene, Maharashtra, India
32F7+V5V, Mauje Sukene, Maharashtra 422301, India
Lat 20.074884°
Long 74.012932°
11/01/24 10:10 AM GMT +05:30

Kasabe Sukene, Maharashtra, India
Unnamed Road, Kasabe Sukene, Maharashtra 422301, India
Lat 20.077306°
Long 74.012466°
11/01/24 01:46 PM GMT +05:30

Kasabe Sukene, Maharashtra, India
Unnamed Road, Kasabe Sukene, Maharashtra 422301, India
Lat 20.077297°
Long 74.012471°
11/01/24 02:16 PM GMT +05:30

Mauje Sukene, Maharashtra, India
32F7+HH4, Mauje Sukene, Maharashtra 422301, India
Lat 20.074146°
Long 74.013881°
11/01/24 10:25 AM GMT +05:30

Survey Photo by Solar ambassador

Vijay Nagar, Maharashtra, India
3WH8+5W8, Swami Samarth Nagar, Vijay Nagar, Maharashtra 422206, India
Lat 20.078659°
Long 73.917743°
20/01/24 12:19 PM GMT +05:30

Nashik, Maharashtra, India
XQP8+2XM, Karmayogi Nagar, Sadguru Nagar, Nashik, Maharashtra 422008, India
Lat 19.985564°
Long 73.767621°
05/02/24 09:57 AM GMT +05:30

Nashik, Maharashtra, India
XQP8+2XM, Karmayogi Nagar, Sadguru Nagar, Nashik, Maharashtra 422008, India
Lat 19.985564°
Long 73.767621°
05/02/24 09:58 AM GMT +05:30

Training Programme for student (Solar Study Lamp Traninig)

Vijay Nagar, Maharashtra, India
1 Mvp College, near Ojhar, Swami Samarth Nagar, Vijay Nagar, Maharashtra 422206, India
Lat 20.07885°
Long 73.917482°
17/05/22 11:26 AM

Vijay Nagar, Maharashtra, India
1 Mvp College, near Ojhar, Swami Samarth Nagar, Vijay Nagar, Maharashtra 422206, India
Lat 20.07883°
Long 73.917494°
17/05/22 02:31 PM

Vijay Nagar, Maharashtra, India
1 Mvp College, near Ojhar, Swami Samarth Nagar, Vijay Nagar, Maharashtra 422206, India
Lat 20.078824°
Long 73.917485°
17/05/22 05:00 PM

Vijay Nagar, Maharashtra, India
3WHB+5W8, Swami Samarth Nagar, Vijay Nagar, Maharashtra 422206, India
Lat 20.078627°
Long 73.917519°
23/01/24 02:34 PM GMT +05:30

Field Visit

Evidence of success/Programme Result