

KALPATARU FIRST GRADE SCIENCE COLLEGE, TIPTUR

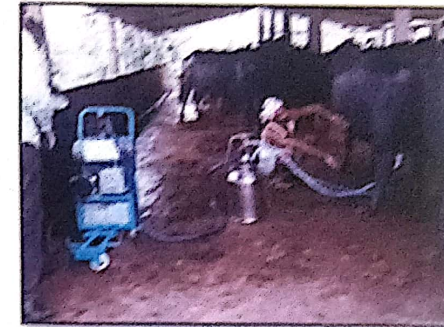
QUALITY INDICATOR FRAMEWORK (QIF)

CRITERION-2

2.3.1

**A SURVEY ON THE USAGE OF SOLAR
ENERGY**

[ABSTRACT]

**SURVEY ON SOLAR ENERGY: A BRIEF REPORT:**

Solar energy from photovoltaic cells is much preferred as it is a cost-efficient, clean and renewable energy source.

A Survey was conducted by the Department of Physics on the utility of solar energy at Tiptur taluk by B.Sc., Students. The Survey was done on 'How many were using Solar Water heaters, Solar Batteries, Solar lightings and Solar water pump sets and solar milk machine. The questionnaire was given through Google Forms. Responses were collected from I, II and III B.Sc, students. The collected data are analyzed as follows.

Solar water heater: 28.7%

Solar lighting: 16.2%

Solar Water pump set: 3.0%

Solar Milk Machine: 0.6%

Do not have solar cell: 55.7%

Most of the rural people are economically poor. Though solar energy is clean and renewable, and there is plenty of sunlight, people cannot install solar panels because panels are expensive. The solar energy survey conducted by the department creates awareness about benefits of solar energy among the student community.

Conclusion: a) Government has to increase the subsidy on a solar panel so that it is accessible to the poorest of the poor.
b) Government has to create more awareness about solar energy through the media.

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