## ECO-FRIENDLY ALGAL LAMP

PROBLEM STATEMENT

Now-a-days eco-friendly lamps are very less compared to the lithium lamps. But lithium has been listed as the pollutant that leads to environmental hazard like water irrigation. Lithium toxicity mostly affects kidneys and central nervous system. In acute lithium toxicity, GI tract will be affected too. In more severe cases, neurological or cardiovascular problems occur as life threatening diseases in human beings.

ABSTRACT

Our proposed idea is about making an eco-friendly algal lamps. The algae lamp draws its power energy from the batteries that are charged by the algae’s photosynthesis and this provides electricity-free light solutions. Also, micro algae is more efficient in absorbing CO2than trees, to the extent that each lamp reportedly absorbs 150 to 200 times more CO2than one tree. As with anything, reducing is always better and much more preferable than restoring. However, the viability in producing this innovation in a wider scale is still determined. In our project the weather conditions and the maintenance of the lamp are perfectly rectified by some inbuilt methods. Here we can develop this single product with three applications including biolamp, biofuel and manure.

ADVANTAGES

* Controls carbon dioxide pollution
* Produces bioelectricity, bioethanol, biodiesel and other bio products.
* Emits light source