MICROORGANISM LEAD A INDUSTRY

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ABSTRACT:

The concept of this paper gives something worthy about Morus and to make this society in a good way. This plant does not grow only in India, Germany and Europe this is a global plant in the world. The dirty are nasty substance is used for future in all the right way possible. This alga is a future scope of printing inks in paper. Hence a biodegradable product. The algae are specially grown even desert, artic sea. The algae which is discussed in the paper? The New Delhi and some other cities in the world are caused with sever air pollution that is the major issue nowadays that is going to sorted by this plant in future. The upcoming report says about the whole discussion about plant called **MORUS ALGAE.**

Keywords : Algae, textile buildings, research,biodegradable, nature's gift or boon

ALGAE PRODUCTION:

Autotrophic microalgae are developed ashore in substantial lakes, or in encased purported photobioreactors, utilizing advanced CO2. The CO2 can come as pipe gases from power plants or be gotten from other non-renewable energy source ignition and organic procedures. They along these lines can help reuse this explicit ozone harming substance, and can help lessen ozone harming substance discharges generally when the algal biomass is changed over into biofuels.

Heterotrophic microalgae are developed in huge fermenters utilizing sugar or starch, like the corn ethanol aging as of now giving just about 10 percent of our fluid transportation powers.

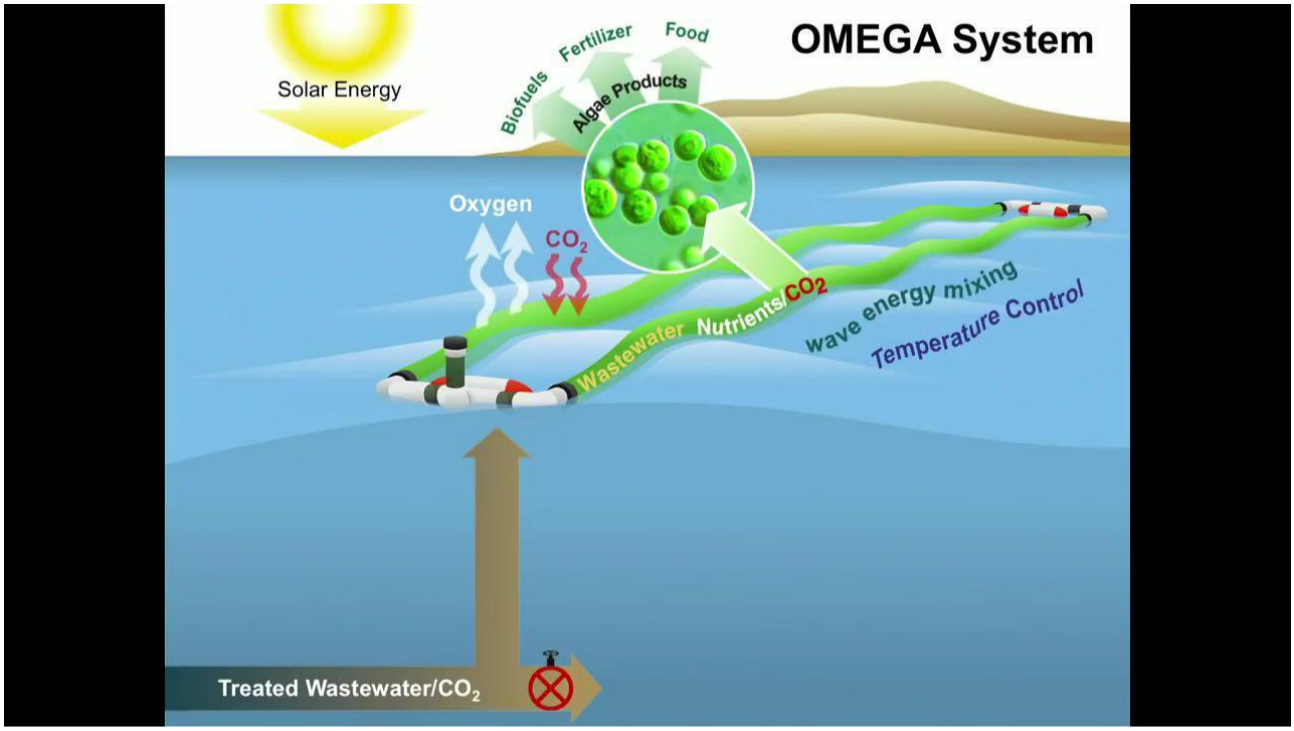
Kelp (macroalgae) are developed in seawater, regularly in close shore frameworks, however untamed sea development has been examined before and is again of intrigue, and even on-shore development of ocean growth is a probability.

Green growth can imitate quickly, quicker than some other plants, and there are a huge number of types of green growth, with all the more continually being found.

Specialists checking San Francisco Bay for algal poisons have discovered an astounding cluster of various poisons in the water and in mussels gathered from the narrows. Four unique classes of poisons, incorporating one delivered in freshwater situations, happen frequently all through the straight, as indicated by an examination driven by UC Santa Cruz scientists and distributed March 10 in Harmful Algae.

ALGAE:

The algae is most useful in nature used in various activities in the world as researchers use photobioreactors or PBR's for production of algae for food, fertilizers, biofuels the research were done in 2012 by JONANTHAN TRENT.



The production of algae is done by this source or image in it as the treatment of freshwater by the following steps

1. Adopting OMEGA--- Offshore Membrane Enclosures Growing Algae system.
2. It is placed in any water especially in waste water or any form of sewage water.
3. The plastic tube is set up in oval shape as the water flows in it.
4. Treated waste water, solar energy, CO2 and even O2 in the atmosphere.
5. It takes CO2 from atmosphere and leaves O2 in atmosphere so it is treated in plastic page.
6. And filtration goes in it as O2 elimination.
7. But due to it algae drop down and settles as it can be used for various purpose.

ALGAE IN TEXTILE FIELD:

The china was facing huge entire plague in the year of 2013 at the entire cost of Qingdao, this research was carried out by two designers, this seen in the eyes of these both as they have seen unwanted widespread of algae plague in the entire beach of Qingdao at China. The use to swim in the same beach while algae will fix in the human body but they don't bother of it.

"Weeds nothing more than the plant in the wrong place"

This can be used as biofuel and make nutrition, weeds even we have algae powered building in Hamburg

They are different types algae in world with various type of shape, colour.

Colours available in yellow, various type of green, also in ice blue colour, they can even grow in freshwater, saltwater and various type of water.

They are different tones of yellow, blue, even in red, brown, orange.

Single cell and especially small and as a tip of the pin. The designers said as two algae which is used for textile printing. So, came up with bio cotton

Microalgae are readily available, use in textile printing.

Various types of algae available in various types but its not chemical and toxic used in textile purpose, its not as such chemical harm our health makes good to environment, also good to humans in real purpose.

Natural pigment which does not damage the nature as well as human bodies

CRAFTING our future food ALGAEMY.

60000 algae are in world were the usage of it is only one percent and rest is undiscovered land.

ALGAEMY:

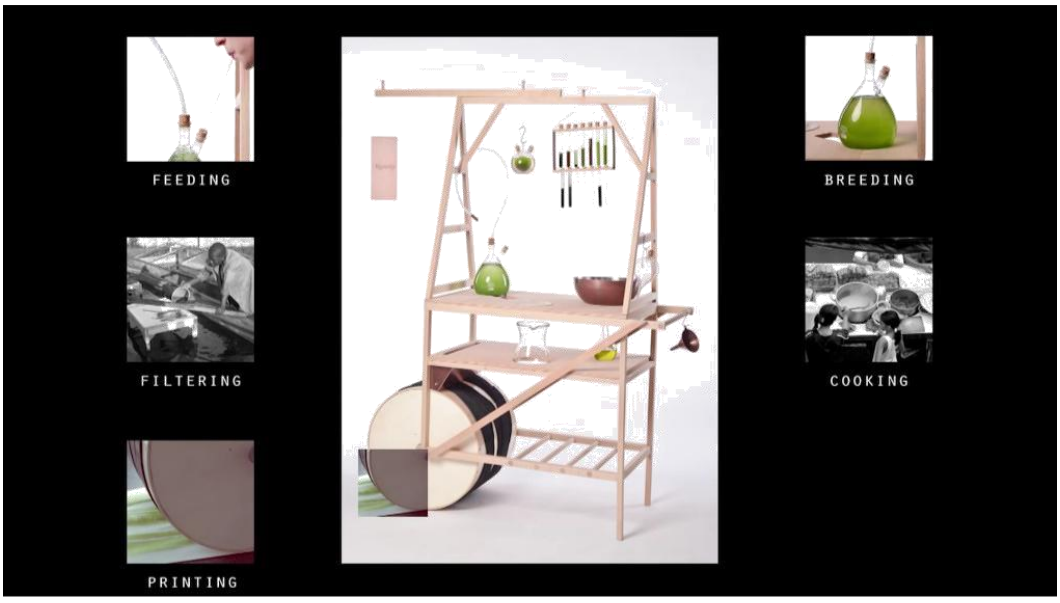
ALGAE- THE UNWANTED.

ALCHEMY- THE TRADITIONAL.

The machine is available as breeding to the algae printing.

APPLICATIONS:

1. Algae use some water, some sunlight, some co2 it can grow even in the kitchen garden feed our own breath to feed algae in purpose of air.
2. Microalgae used or applied over big rollers so it can move over fabrics or textiles by applying it.



3. Algae in the purpose of buildings, even construction of buildings.

4. The first microalgae printed in shoes was available by designers.

5. Microalgae is available in chocolate as based with algae.

CONCLUSION :

The project exhibits various benefits to the world in various dimensions, if algae applicable in all such application then there will be drastic change in various industries.So making these bio degradable products leads to good future all over the world. Hence these natural gifts are should be used up to certain limit. good to green nature.

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