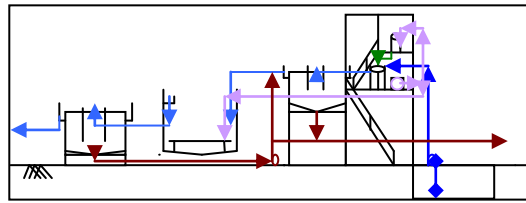


## OUR CLIENT LIST

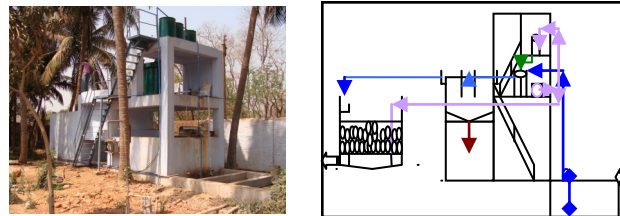
- M/S, VINAYAK OIL & FATS PVT.LTD.
- M/S, KANCHAN OIL INDUSTRIES LTD.
- M/S, BANSAL REFINERIES PVT. LTD.
- M/S, AMICUS OIL & CHEMICALS PVT. LTD.
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- LARSEN & TOUBRO LTD.
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- KBC AGRO PRODUCTS (P) LTD. DHAKA-BANGLADESH.
- MAJUMDER PRODUCTS LTD. SHERPUR, BOGRA, BAGLADESH.
- GREEN OIL & POULTRY FEEDINDUSTRIES. RANGPUR , BANGLADESH.
- ABDOS OIL INDUSTRIES LTD.
- WESTERN AGRO INDUSTRIES LTD. SHERPUR, BOGRA , BANGLADESH.



Typical View & Process Flow Block



Different view of 'continuous' ASP



Typical View & Process Flow Block Diagram Of Chemical Treatment Plant.



Typical View Of 'Batch Operated' ASP



**ECO-TECHNO ENTERPRISE**  
(BELIEF IN LONG TERM RELATIONSHIP)

NSIC-CRISIL Performance and Credit Rating  
Eco - Techno Enterprise, West Bengal  
has been awarded an NSIC-CRISIL Rating of



**ECO-TECHNO ENTERPRISE**  
(BELIEF IN LONG TERM RELATIONSHIP)



ENVIRONMENT TO INDUSTRY  
&  
INDUSTRY TO ENVIRONMENT



9, LALBAZAR STREET., 3<sup>RD</sup> FLOOR,  
BLOCK - A, KOLKATA - 700 001.  
PHONE: 033-2231 7338.

WEBSITE:

[www.eco-technoenterprise.com](http://www.eco-technoenterprise.com)  
Mail Address: [ecotechno\\_cal@yahoo.co.in](mailto:ecotechno_cal@yahoo.co.in)  
[ecotechnoenterprise@gmail.com](mailto:ecotechnoenterprise@gmail.com)



## ECO-TECHNO ENTERPRISE

From the beginning of civilization, Man has developed their life style with the help of 'SCIENCE'. In this cyclic advancement process, they have developed several types of 'INDUSTRIES', with the help of Scientific Technologies. Each & every industries is using our surrounding ENVIRONMENT and its NATURAL products and generating POLLUTANTS, which are some times equally harmful to our surrounding ENVIRONMENT & its ECOLOGY.

The modern ENVIRONMENT SCIENCE as a 'BALANCE' between modernization of industries & ecological system, with a target -

### POLLUTION FREE INDUSTRY & THE SURROUNDING ENVIRONMENT

For this we have to maintain a proper check in Eco - system & environment for future Mankind of our beloved world.

#### Something about us-

We are budding Enterprise to serve you better in the following fields:-

#### I ENVIRONMENTAL POLLUTION CONTROL (INDUSTRIAL).

#### II MAINTANANCE & OPERATION SERVICES

##### A) E.T.P. OPERATION.

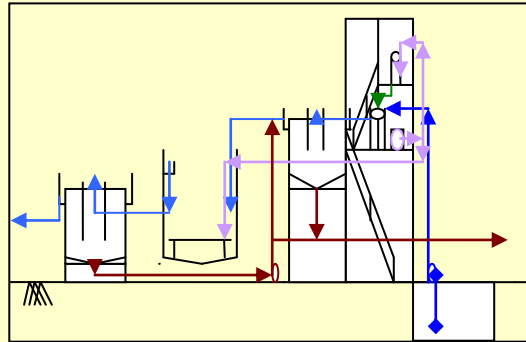
#### III TURN- KEY PROJECTS.

A group of *highly experienced professionals* are associated with us to satisfy the customers & also to fulfill the needs of customers.

**Activated Sludge Process:** This process employs suspend growth treatment principle to achieve removal of organic substances in wastewater. The **activated sludge process** utilizes an active mass of flocculent microorganisms to convert organic material into simpler products.

#### PROCESS-FLOW DIAGRAM OF A TYPICAL ACTIVATED SLUDGE PRCESS

**Process Description:** The essential units employed in this treatment are **aeration tank/s,**



**secondary clarifier / settling tank** and a **return sludge line** from **secondary clarifier / settling tank** to **aeration tank** and excess sludge wasting line. In this form of suspended growth treatment, initially the raw wastewater is given primary treatment in **primary clarifier / settling tank** to reduce the load on the main treatment unit i.e., **aeration tank**. Organic waste is then introduced into a reactor where an **aerobic bacterial** culture is maintained in suspension. The reactor contents are referred to as **mixed liquor**. Aerobic environment in the reactor is achieved by the use of diffused or mechanical **aeration**, which also serves to maintain the **mixed liquor** is a **completely mixed regime**. After a specified period of agitation, the mixture of new & old cells is passed into a final **clarifier / settling tank**, where the cells or sludge are separated from the treated wastewa-

ter. From the **secondary clarifier / settling tank**, fraction of settled cells / sludge is recycled with or without intermediate settling to maintain the concentration of microbial floc in the reactor. This part is termed as "**return sludge**". After steady state is reached in reactor, the remaining sludge wasted.

### Our Services.

A # Yearly Environmental Monitoring Services.

B # Annual Operation Contract of E.T.P.

C # Over all Supervision of E.T.P. Operation.

D # E.T.P.'s Performance Study

E # E.T.P. Design, Drawings, Supervision & Commissioning.

F # Turn key projects.

### NSIC-CRISIL Performance and Credit Rating

Eco - Techno Enterprise, West Bengal

has been awarded an NSIC-CRISIL Rating of



**PP DIFFUSER**  
HAVING CAPACITY :  
0.75 Cu.M / HR.  
AT 0.4 KG / Sq.Cm.

