



# **GLOBAL** Institute of Engineering & Technology

(Approved by AICTE & Affiliated to JNTUH)

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JNTUH Code(U6) CIVIL – CSE – MECH – ECE – EEE – MBA – M.Tech. EAMCET Code– GLOB

## **Department of Civil Engineering**

### **REPORT OF TECHNICAL VISIT**

#### **Visit to Eesavyasa Technologies Pvt. Ltd**

Shed No 79, Phase 3 SVCIE, Industrial Development Area Road, IDA, Balanagar, Hyderabad,  
Telangana 500037

**Visit Date: 19/01/2018**

Eesavyasa is an advanced Research and Development centre for large Corporate and Government establishments in the areas of Water Treatment, Industrial Power Reduction, Agriculture and Aquaculture.

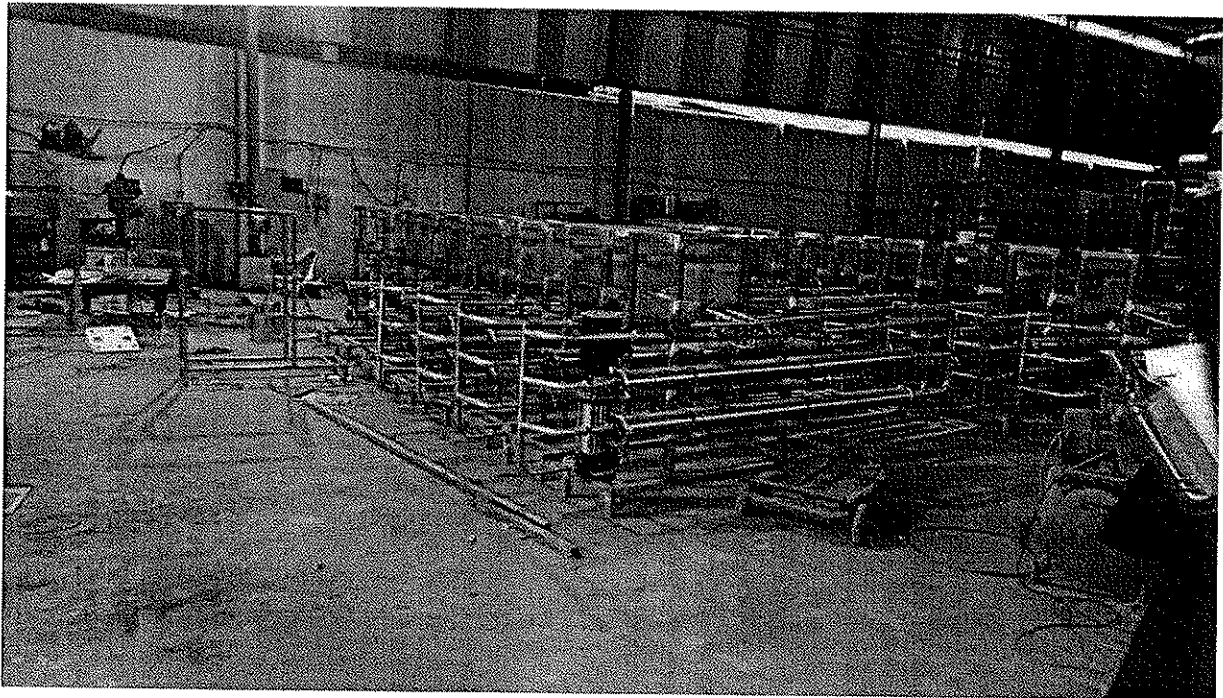


**Civil Engineering Students got exposure on Advanced  
Water Treatment Technologies**

## **Advanced Treatment Technology Units:**

### **1) Nano EMRION Community Water Treatment**

- Bacteria/Virus + Heavy Metal Removal
- Treats surface and ground water
- Embedded Software
- Treats unlimited quantity (multiple MLDs)
- Uses 75% less power
- Requires minimal manual intervention
- All-Purpose water for all utilities



### **2) Nano EMRION Sewage Treatment**

#### **Bacteria/Virus + Heavy Metal Removal**

- Water fit for utilities & industrial consumption
- Requires 80% less installation space
- Can even be mounted on a vehicle for mobility
- Embedded software
- Transmits quality parameters (SMS/email)

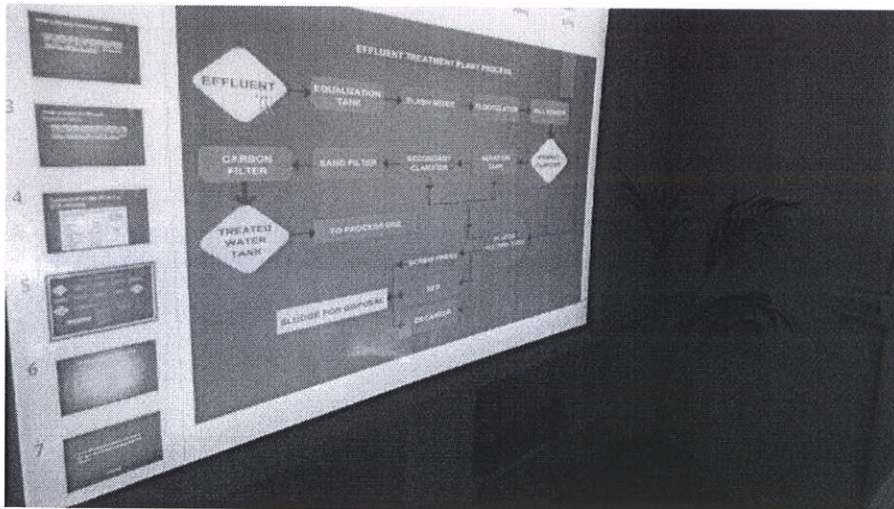
- No aeration required
- Treats unlimited quantity (multiple MLDs)



### **3) Aquoze Consumer Water Treatment**

- Ozone-based treatment
- Leaves no toxic by-products
- Removes Bacteria/Virus
- Removes Heavy Metals
- Bulk treatment (up to 5000 ltrs/day)
- Unmatched Input-Output Ratio
- No Pre-treatment Needed





**Research Head- Eesavyasa presenting an overview of their projects to Staff and Students of GIET**



**Students Interacting with the Research Head - Eesavyasa**

Students are made aware of the treatment technologies available for desalination of water and mostly they are patented technology of using Nano technology for treatment of domestic and industrial waste water. Students gained knowledge on sewage treatment plant and effluent water treatment plant even our students also visited to their fabrication unit.

*Eesavyasa*  
HEAD

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