



**Venture Name : Kaolimer Water Tank Pvt.Ltd**

**Tag Line : Building a healthy tomorrow.**

**Founder & Co-Founder : Mr.Shaik Mohammed Tajdar Ali Taj & Ms. Suebha Khatoon.**

### **What is my Venture all about?**

Kaolimer water tank is product developed in replacement for the conventional concrete water tanks. The cement component in the concrete water tank is replaced with geofriendly material such as kaolin clay.

### **The Gradual Progress Story:**

We know that the conventional concrete water tanks are widely used in India even today. But the adverse effects of it are neglected. Generally we see that large amount of disease causing algae and fungi are formed in the concrete water tanks which cause various water borne diseases. It also increases the structural loading on the structure. Then we decided to replace the cement component with any geofriendly material which can reduce the formation of the disease causing bacteria and fungi and disintegrate them naturally.

### **Research Work:**

We started doing research in determining the geofriendly materials which can reduce the formation of algae and fungi and simultaneously reduce the weight of the structure. We found that kaolin clay is best suited for replacement with cement.

### **Strength of Your Concept/ Product:**

Coming to the strengths of our product, it can reduce carbon dioxide produced from the cement industry. No water will be used for mixing the materials for casting hence it saves water. Steam or oven curing is done rather than conventional water curing. Comparative construction cost will be reduced if this concept is used for construction.