

Khumanthem Ratankumar Singh

Proprietor

M/S Ranjoy Plastic Industry

Khumanthem Ratankumar Singh was born on 1st February 1977 and brought up in a remote area of Yairipok Yambem Leikai, Imphal Manipur. He was the fourth child in the family of Khumanthem Munal Singh and Khumanthem Ongbi Binodini Devi with one brother and 2 sisters.

Mr. Ratankumar graduated in Science (Chemistry Hons) from Imphal College in the year 1998 and also completed PGD-PPT in 2000 from CIPET (Central Institute of Plastics Engineering & Technology) Imphal. After the completion in training from CIPET, his journey starts from 2001 by manufacturing Plastic Mugs and Bottle Caps with the help of CIPET with a mere



investment of Rs 10000/- which were then marketed by him. Then in the year 2003, Directorate of Commerce & Industries, Government of Manipur allotted a workshed in Industrial Estate, Takyelpat. In this small workshed, he started the production of **FRP** and also other products.

After passing out from CIPET, he dreamt of an idea (non-conventional) of doing something by the **FRP** (Fibre-reinforced plastic) product. The first realization of his dream was to produce **Bathroom Door**, and then comes **Statues, Dust Bins, Septic Tank** and ultimately **Passenger & Fishing Boats**. The innovation (FRP boat making) of doing such odd jobs in such situation/environment, especially in Manipur has come to his mind after visiting Loktak Lake. The ethical principle of this innovation is to serve the daily bread earners (Fisherman) and work with them. In this tiny unit, he is working with 65 skilled workers and 25 semi skilled workers. But his small team of 90 families can generate job/livelihood of hundreds of families inhabited around the Loktak Lake.

FEATURE OF RPI AND ITS VISIONS

1. Feature of Glass Fiber Septic Tank.

Construction of Pucca (**Cemented**) septic tank is very time consuming, costly not portable and repairable and there is a chance of damage during natural calamities like earthquake and flood. But if it is replaced by glass fiber septic tank, we can avoid inconveniences because it is more durable, less costly, portable and repairable and cannot easily be damaged and we can place it at any desired location and direction. So, people from all around the state Manipur and other



neighboring states started using septic tanks made by glass fiber and also the demand from the customers is also tremendously increasing day by day because of all the advantages and features mentioned above. After experiencing all these demands from the customers, RPI (**Ranjoy Plastic Industry**) is hopping and kept a target to replace all the Pucca septic tanks by septic tanks constructed by glass fiber within a short period of time, because such type of septic tank is constructed by one and only firm in North East India i.e., RPI (**Ranjoy Plastic Industry**)

2. Feature of Glass Fiber Doors and Windows.

Making of wooden doors, windows will cause a big threat to the environment due to deforestation. To avoid causing harm to the society the RPI also manufactures different household items like doors and windows from glass fibers. And demands from the customer also increased because it is more fashionable, no shrinkage, light weight, 100% water and weather proof, repairable, less costly, customize size and more durable as compared with wooden doors and windows.



3. Feature of Glass Fiber glass Boats:

The LOKTAK LAKE is the only biggest and fresh water lake in north east India.



The livelihood and main occupation of the people in and round the LOKTAK Lake is fishing. Traditional local fishing boats are made of wood (out of whole big timber) which are also breakable and leak able. Either repairing or refurbishing is very much costly and time consuming. After replacing wooden fishing boats by FRP fishing boats, it becomes a boon to the local fishermen. Replacement of wooden fishing boats by FRP means to protect environment and save the forest (trees). Thus, the one and only target of RPI is to replace all these wooden traditional boat within short period of time.

In Manipur and its neighboring states there are several Tourist Centers. In these tourist centers several types of boats like, paddle boat (two seats and four seats) motor boat of different capacities are still using. These boats are only made by glass fiber, which were manufactured by **RPI**. If such boats are imports from outside the north east states lots of inconveniences may be faced in transportation, its cost and wear-tear problems. But, if RPI supply such different boats there will be no inconveniences for transportation, PRI is providing all the necessary facilities for repairing and deliveries different items to the related locations. Because of all these features and facilities different tourist centers located in North east are approaching to RPI to get different boats made by glass fibers.



After all these, **Loktak Development Authority (LDA)** had planned to connect different villages and tourist sub- centers in and around the **Loktak Lake** through water way from this current year 2020. To fulfill this plan RPI had already manufactured some of different motor boats. And still RPI is under process to manufacture of different boats for passengers and transportation of essential commodities.

Till now, RPI had also already supplied different types of boats to **Sendra Tourist Center, Karang Island. Gelzang Resort, MMRC Unity Park, LOUKOI PAT and Floating Laboratory** deployed in **LOKTAK lake** sponsored by **IBSD (Institute of Bio Research and Sustainable Development) .**

4. Feature of glass fiber glass Sculptures and Dust bins.



Different sculptures of Dinosaurs, Elephants, Crocodiles, Deers and structure of the most precious animal of the World **“The Sangai”** (available only in the **Keibul Lamjao National Park**) also placed in the **IMPHAL INTERNATIONAL AIRPORT**. Dust bins and slider made by glass fibers are also provided to different tourists’ centers, parks, hospitals, school and colleges.

5. Plastic Storage Tank.

As trained from the CIPET and experience in the plastic products, he started manufacturing of Plastic Water Storage Tank in the year 2014. More than fifty percent of the water storage tank used in Manipur is from outside state and 80 % manufactured by recycle material. Therefore his intention and commitment is to compete and cover the rest of the percent of our state Manipur with his product i.e Thoibi & Lily Plastic water storage tank in term of cost, quality and services.



As an entrepreneur his greatest joy is in seeing the happiness in the eyes of his employees that he is able to bring changes in their lives through his works and empowering them. At present, Ranjoy Plastic Industry is a big family of 90 staff with sales of over Rs. 50 Lakhs per month and with as asset worth over Rs. 5 Crores.