

PURIFICATION OF WATER BY NANO PARTICLES

India's packaged bottle water industry has been valued at Rs.160 billion in 2013, and this market is expected to reach more in 2025. There are thousands of domestic Indian Bottled Water Brands in the market today.

Times of India reported that doctors are advising not to consume the RO treated water and counsel the people to go for alternatives.

In our project the water is processed with multistage purification processes such as sand filter, activated carbon filter, Ion exchange resin filter and Silver Nitrate and graphene nano particles embedded filter.

We followed some of the filtration technique based on MSME (Govt of India) – PROTOCOL and we added our innovation by imparting the graphene nanoparticles in the membrane filter . Thus we got clear water used for human conception.