

Translation of article in Divya Bhasker

After working for 25 years in various oil companies T.Raghavendra Rao has invented production of power, fertilizer, bio diesel, metal and clean water from waste materials with an unique ecofriendly method.

The first industrial revolution in the world was during 1750 and 1830 and it was from water vapour. The second industrial revolution between 1870 and 1920 was running the machines with electricity. Since our country was not independent, we had missed both opportunities. After 1960, the 3rd industrial revolution like IT, Computers, Internet and Mobile. Our country joined the race after 1991. Insptie of delay our country has leaped forward in the last two decades and made our business system more comfortable and convenient. Now with robotechonology and innovation of intelligent machines developed countries have brought 4th revolution. After finding truth of the modern era technology, are we still prepared for the revolution?

Yes!!! At least few have started the business and industries doing research. Here is the person T.Raghavendra Rao with limited resources and without any encouragement and support, but with magic technique, has surprised developed countries. He has become a technoprenuer from technocrat. After working in international companies for 25 years, he has started his own company in 2007 for the benefit of society and self. He founded an unique company Sustainable Technologies & Environmental Projects Pvt Ltd. with an unique mission to protect the environment. With his technology, you can create wealth from waste, such as fuel from refinery waste, fertilizer from agricultural waste, electricity from organic waste, bio diesel from algae, metal from e waste and water treatment techniques. He has applied for patents for all his innovations and also licensed to various companies and installed machineries. His technologies envisage producing lot of energy at economical cost.

Out of all these, Polycrack Technology is most outstanding and admired not only in our country but many other countries. He has received various awards for his innovations. The separated plastic from the waste both recyclable and non recyclables is fed into his process and the output is petro feul which can again be further converted to various fractions like petrol, diesel etc. It is not that nobody has done any research before Raghavendra Rao. They were successful, but after taking out fuel, they left large quantities of spent catalyst which is harmful to the environment. Countries like USA, Netherlands, West Asia and Malaysia had a doubt over his innovation. They have carried out various tests and checks to adopt a technology which is not harmful to the environment but produces fuel at economical cost. After getting such recognition, the confidence level of Raghavendra Rao has increased much and he started this process in Italy, Germany, Austria and Netherlands. With investment of over 2-3 million dollars,

today various units are producing 25 tons of liquid fuel, coke or gas from plastic waste. Not only this but also these units are generating their own electricity for running these plants and also using their own waste water for cooling process of the same. It is concluded that by this company with Polycrack Technology, 1000 tons of waste with minimum expenditure can produce 120 tons of oil or 1000 tons of gas, 500 tons of carbons, 50 tons pebbles with zero waste technology. It is helpful to cities for solid waste, plastic and e waste management by producing energy without harming the environment. You can produce energy like electricity, petrol, diesel, LPG or you can run the generator. It is astonishing to note that USA produces 23 crore tones of waste. With that, 82000 foot ball grounds can be filled to the extent of 6 ft high. With one estimate, our country produces everyday 12 lakh tons of solid waste which has become a headache for local municipalities and citizens. Mr.Raghavendra Rao not only developed technology to produce wealth from waste, but also installed a plant on Mumbai Nasik highway to process 150 tons. Mr.Rao says that with STEPS technology, you can produce 1 ltr of petrol just for Rs.12. The Department of Science & Technology, Government of India had honoured him thrice under India Innovation Growth programme. Aerospace security advance technology company Lockheed Martin had presented Gold medals. Other than this, he received IGCW award. MASADA, USA has partnered with him for their plants around the globe. He says nohing goes waste in this world. **It is useful until we believe it is waste.**