

TATA Chemicals selects proposals to aid innovation in R&D labs

Background:

Office of Principal Scientific Adviser partnered with **TATA chemicals** to share R&D funding opportunities for R&D projects in four areas to build scale and value in:

- Performance materials (Soda Ash, Marine Chemicals, Silica and Nano Products)
- Nutritional Sciences (Food and Pharma grade Salt and Bicarb, Ingredients and formulations, Prebiotics, Probiotics and Natural Extracts)
- Agri Sciences (Crop care, Seeds, Plant growth Nutrients –through subsidiary Rallis)
- Energy Sciences (Battery Recycling, Actives and Battery Storage)

Outcome:

TATA Chemical has shortlisted proposals from seven institutes across the four areas.

More about innovation at TATA Chemicals (Source: TATA Chemicals):

TATA Chemicals has five centres for innovation and advancement in India. The innovation thrust aims at developing products and services positioned at the intersection of physics and chemistry (nanotechnology) and biology and chemistry (biotechnology). Our focus areas are Food and Fuel, Energy and Environment, and Water and Wellness (FEW).

TATA Chemicals Innovation Centre, Pune

The Tata Chemicals Innovation Centre is a world class R&D facility built with the intention of creating new business avenues in food and fuel, energy and environment, and water and wellness (FEW). Currently, the centre is working on multiple projects in the areas of Nutrition, Performance Materials, Energy Sciences, Nanotechnology and biotechnology.

TATA Chemicals R&D Centre, Mithapur

The Mithapur R&D centre was recognised by DSIR in 1974 for its path-breaking industrial research. Over the years, it has forged innovative solutions to resolve critical plant and production issues, such as pioneering iodised vacuum-dried salt in India, use of effluent solids for cement manufacture, seawater-based cooling towers for Mithapur (which is a water-deficient region), use of seawater for brine preparation for soda ash manufacture, use of undersized limestone and boiler fly ash for cement

manufacture, bromine dehydration and dechlorination, manufacture of double-fortified salt and sulphate of potash, among others.

Rallis Innovation Chemistry Hub (RICH), Bengaluru

RICH is the Rallis hub for R&D. Recognised by DSIR, RICH works on developing new molecules, formulations and products which can be commercialised not only in India but also in international markets. Apart from new product pipelines, it focuses on developing innovative and safer formulations for eco-friendly water-based products, and scalable green technology.

Metahelix Life Sciences, Bengaluru

Metahelix is an agricultural biotechnology company focusing on developing traits and technologies for crop protection and improved productivity. Metahelix also provides customised research to select companies using its proprietary technologies in crop transformation and functional genomics.