



Council of Scientific and Industrial Research

Press Release

Jubilant Life Sciences Ltd., Noida

Wins

CSIR Diamond Jubilee Technology Award (CDJTA)-2015

New Delhi, September 26, 2018. CSIR Diamond Jubilee Technology Award for the year 2015 is conferred on Jubilant Life Sciences Ltd. for development of “A commercially viable process to prepare highly pure niacinamide via 3-cyanopyridine route by using in-house developed catalyst”.

Jubilant Life Sciences has developed an efficient process to prepare highly pure niacinamide by using 3-cyanopyridine. The product is qualified across all grades such as United States Pharmacopeia / European Pharmacopeia / Japanese Pharmacopeia / British Pharmacopeia / Feed / Food etc. Niacinamide is a human and animal dietary supplement to protect against disorders arising from Vitamin B deficiency.

The unique feature of the process is that it is almost zero-discharge with very low production cost. This catalytic eco-friendly technology strategically developed by Jubilant has made them acquire the position of one of the most cost competitive manufacturers of niacinamide globally. With this, Jubilant has gained the distinction of becoming the highest capacity niacinamide producer in India and the second largest in the world. Currently, Jubilant's niacinamide is being sold in more than 80 countries, fetching a revenue of over Rs. 4,621 million (2016-17) under the Nutritional Products segment.

CSIR applauds and honours Jubilant Life Sciences, Noida for this significant innovation and achievement.



Council of Scientific and Industrial Research

Press Release

CSIR-Central Leather Research Institute (CSIR-CLRI)

Wins

CSIR Diamond Jubilee Technology Award (CDJTA)-2016

New Delhi, September 26, 2018. CSIR Diamond Jubilee Technology Award for the year 2016 is conferred on CSIR-Central Leather Research Institute for developing “Waterless Chrome Tanning Technology” while avoiding the conventionally used pickling process.

The globally positioned WLCT technology developed by CSIR-CLRI does not require additional use of water for chrome tanning while eliminating the need to carry out pickling process associated with the use of acid and salt. This being environmental friendly, offers reduction of salinity and TDS in effluents by 20% and brings down the usage of chromium by 15-20%, resulting in significant material saving as well. With a current economic impact of Rs 5.0 crores savings per annum, the environmental/societal impact provides for a savings of 75 million liters water (low wastewater), 1000 tonnes of BCS (Zero Cr discharge), and 3800 tonnes of salt (20% low TDS) besides averting the handling of 380 tonnes of hazardous sulfuric acid.

Thus far, the technology has been absorbed by more than 50 tanneries in India. The technology has also gained International recognition with several countries, including Ethiopia, South Africa, the Netherlands, New Zealand, Vietnam and Brazil evincing keen interest.

The technology ensures the sustainability of the existing leather tanning sector and provides enhanced scope for emergence of new units. Employment and livelihood for those depending on this industry will thus be secured and boosted in the future. Apart from India, WLC technology has also evoked interest among tanners across the globe.

CSIR applauds and honors CSIR-CLRI for developing a viable green technology for the leather sector which has underscored the technological prowess of the country.