

CSIR
Diamond Jubilee .
Technology Award
2017 & 2018



Council of Scientific & Industrial Research
Anusandhan Bhawan, 2, Rafi Marg, New Delhi-110001



The Citation-2017

CSIR Diamond Jubilee Technology Award for the year 2017 is conferred on Cadila Healthcare Limited for developing 'Saroglitazar'-World's first approved drug for treating diabetic dyslipidemia and India's first indigenously discovered and developed New Chemical Entity (NCE) from a Pharmaceutical Company.

Cadila has designed this novel molecule that binds and interacts with the specific subtypes of Peroxisome Proliferator-Activated Receptors (PPARs) in a unique manner and addresses two major lifestyle diseases - diabetes and dyslipidemia by this one drug alone. Discovery of Saroglitazar is a paradigm shift that included use of classical as well as state-of-the-art technology platforms while following global quality standards and using cost-efficient and home grown models/strategies.

The unique molecular mechanism of the drug has put India on the world map of countries that have discovered their own NCEs. With this innovation, Cadila has also established a new trend of discovering and developing the drug entirely within the country and making them available to Indian patients. More than a million patients with diabetic dyslipidemia in India have been treated with Saroglitazar.

CSIR applauds and honors Cadila Healthcare Limited for developing 'Saroglitazar'-World's first approved drug for treating diabetic dyslipidemia, which has underscored the technological prowess of the country.

The Citation-2018

The logo is a yellow gear-like shape with a sunburst pattern. Inside the gear, the text "CSIR" is at the top, "Diamond Jubilee" is in the middle, "Technology Award" is below that, and "2017 & 2018" is at the bottom.

CSIR
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CSIR Diamond Jubilee Technology Award for the year 2018 is conferred on Carborundum Universal Limited for development of Metallized Alumina Ceramics like Metallized Alumina Cylinders for vacuum interrupters / vacuum circuit breakers for electrical applications and other advanced products which require ultra-high vacuum tightness and high bond strength between ceramic – metal joint.

Unique feature of the technology is that a thin layer of strong metal like Molybdenum is deposited onto the ceramic base due to which it becomes possible to join (through Brazing) the ceramic to a metal.

Metallized Ceramics are a very advanced category of ceramic products used in vacuum electronics in strategic applications like electrical distribution, aerospace, defense and also in the general consumer electronics category.

This innovation has addressed the growing demand of Metallized Ceramics by setting up a plant with global scale of operations. Carborundum is the only manufacturer of Metallized Ceramics in the country and the second largest producer of Metallized Ceramic Cylinders in the world.

CSIR applauds and honors Carborundum Universal Limited, Hosur for this significant innovation and achievement.

CSIR Pan India Presence



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