



Technology

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CII felicitates Top Innovative Companies and Research Institutions of 2021 at the DST-CII Technology Summit

Dec 17, 2021

In a virtual awards ceremony hosted by Confederation of Indian Industry, the apex industry body, recognized top 25 companies across large, medium and small segments for their innovation excellence along with 7 innovative institutions.

In his address, **Dr S Chandrashekhar**, Secretary-DST congratulated all winners and other applicants for their innovation and urged everyone to continue nurturing their innovation framework to revolutionize our industries for an exciting future. He further said that India is still is an agriculture country and 65% of total Indian population depend upon agriculture sector, hence we need to bring innovative solutions to uplift the sector for better life and health of the people. For innovations to be successful, industry has to handhold and nurture innovation so that innovations become translatable.

To provide impetus to industrial innovations, **Mr. Kris Gopalakrishnan**, Past President, CII, and Chairman, CII Industrial Innovation Awards mentioned that Innovation combined with entrepreneurship, and a focus on research, innovation, and entrepreneurship is the key to achieve our goal of \$10trillion economy.

2021 Awards Winners are:

The Most Innovative Company 2020 – **Dr Reddy's Laboratories Ltd.**

Top Innovative Company (Large) in Manufacturing –

a) Tata Steel (Joint Winner)

b) Reliance Industries (Joint Winner)

Top Innovative Company (Medium) in Manufacturing - **Saankhya Labs Pvt Ltd**

Top Innovative Company (Large) in Services – **Afcons Infrastructure**

Special Award (Large) in Services- **Wipro**

Top Innovative Company (Medium) in Services – **Mercedes-Benz Research and Development India (MBRDI)**

Other companies who secured position in Top 25 Most Innovative companies are:

Nokia Solutions and Network India Pvt. Ltd.

Hero Motocorp

Havells India Ltd

Bosch Limited

Tata Hitachi Construction Machinery Co. (P) Ltd.

Tata Chemicals Limited

UltraTech Cement Ltd. U-Birla White

Cummins Technologies India Private Limited

VST Tillers Tractors Ltd.

Fluid Controls Private Limited

Keetronics (India) Pvt.Ltd.

Microlit

L&T Technology Services Limited

Philips Innovation Campus

Tech Mahindra

Tata Power Delhi Distribution Limited

Spice Healthcare Private Limited

Ethosh Designs Pvt. Ltd.

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Vadodara Gujarat India Dec 23, 2021
- CII India Talk on Data Center | Broadcasting Station - Northern Region
Broadcasting Station NR HQ India Jan 07, 2022
- CII Internet of Things Summit for Digital & Make in India : Broadcasting Station : Northern Region
Live from Broadcasting Station NR Head office India Mar 11, 2022

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- 2021 India & the World
- The Digital Journey in the New Normal - How Are Organizations Leveraging Emerging Technologies in Response to COVID-19?
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- Uniquely Punjab - May 2013

Grand Jury for CII Industrial Innovation Awards 2021 was comprised of **Mr. S Gopalakrishnan**, Past President, CII; **Prof. Y S Rajan**, Former Chairman NITM and Former ISRO Professor, **Prof V Ramgopal Rao**, Director, IIT Delhi, **Prof Pankaj Chandra**, Vice-Chancellor, Ahmedabad University, **Prof Devang Khakhar**, Professor, IIT Bombay, **Dr Himanshu Rai**, Director, IIM Indore, **Prof Gagandeep Kang**, FRS Professor, Christian Medical College, Vellore, **Prof Soumitra Dutta**, Founding Dean, Cornell University, **Prof UB Desai**, Founding Director, Indian Institute of Technology Hyderabad, **Prof Rishikesh T Krishnan**, Director, IIM Bangalore, **Mrs. Jaya Panvalkar**, Chairperson, Board of governors SVNIT, Surat

The Most Innovative Company 2021 – **Dr Reddy's Laboratories Ltd.** made a breakthrough by launching first to market complex generic, and that too for multiple markets. It has helped serve unmet needs through COVID portfolio & differentiated generics. Created a 2X product pipeline and output using innovative R&D, manufacturing and digital & analytics adoption.

Top Innovative Company (Large) in Manufacturing –

Reliance Industries Ltd. has developed a novel adsorbent (RELAD- TF) and adsorption process developed for on-line purification of thermic fluids, developed for first time in the world.

Tata Steel Ltd. has developed a '**First-of-its-kind**' 5 tons per day **CO2** capture plant from Blast Furnace gas commissioned at Tata Steel Jamshedpur with the provision for utilization of captured CO2 in steel making and wastewater treatment.

Top Innovative Company (Medium) in Manufacturing – **Saankhya Labs** has developed Broadcast Radio Head as next-gen low power 'cellularized' Digital Terrestrial Transmission system for uniform reception of digital TV signals.

Top Innovative Company (Large) in Services – **Afcos Infrastructure has developed** the Atal Tunnel at the crucial & strategic Manali-Kargil-Leh route. It enables all-weather connectivity, medical facilities and access to all the facilities for the villages and people.

Top Innovative Company (Medium) in Services – **Mercedes-Benz Research and Development India (MBRDI)** has introduced the world's first **Megawatt Charging Connector Assembly** for fast charging of electric vehicles.

A Special Award was also conferred to **WIPRO** in Large (Services) category for their special innovation- TopGear a new age crowdsourcing-based delivery model with 70K+ community members that thrive on the 'gig way of working'.

Another Special Award was also accorded for **Tata Consultancy Services** for fostering Innovation through Industry-Academia collaborations.

Under the Most Innovative Research Institutions category, **IIT Roorkee** is the winner. This is followed by **IIT Madras** and **INCOIS** respectively.

In the category of Other engineering colleges, the winner is **Kumaraguru College of Technology**, followed by **Thiagarajar College of Engineering** and subsequently, **Paavai Engineering College**.

Thiagarajar Polytechnic College wins the award in Polytechnic category.

Top Innovative Research Institution (IITs and the like)- IIT Roorkee gets the award for developing innovative visco-elastic Energy Dissipating Link Elements for Earthquake resistant housing construction, Nitrogen-Doped Reduced Graphene Oxide (N-rGO) for High Performance Supercapacitor and Novel hybrid adsorbent for simultaneous removal of arsenic and fluoride from contaminated water.

Top Innovative Research Institution (Other engineering colleges): Kumaraguru College of Technology develops innovative Eco-friendly Sanitary Napkins from Natural Fibre, as a win-win solution for both women and Environment.

Top Innovative Research Institution (Other engineering colleges): Thiagarajar Polytechnic College (TPT)'s innovations of Smart Dache and Fuerza-Smart Electric Motorcycle have been beneficial to the Public, Farmers, Agricultural Sector, Construction Industry, etc and have also served the society during the pandemic.

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