Press Information Bureau
Government of India

Submit for Fact Check

Ministry of Science & Technology

Dr Harsh Vardhan announces that DBT & CSIR has sequenced more than 1000 SARS-CoV-2 viral genomes, making it the largest effort in the country

Releases a compendium of Covid-19 technologies and products developed by CSIR

The compendium covers more than 100 technologies, 93 industry partners listed and with over 60 of these technologies having been transferred to industry

Posted On: 30 JUL 2020 8:03PM by PIB Delhi

Minister of Science &Technology, Earth Sciences and Health & Family Welfare, Dr Harsh Vardhan has announced that Indian scientists from DBT & CSIR have sequenced more than 1000 SARS-CoV-2 viral genomes making it the largest effort in the country. “This will help in understanding the prevalent strains and the mutation spectrum in India, which will help in diagnostics, drugs and vaccines”, he said.

Dr. Harsh Vardhan was speaking while releasing a compendium of Covid-19 technologies and products developed by CSIR, at a function here today. The compendium covers a wide range of technologies and products spanning from diagnostics to drugs to ventilators and PPEs with more than 100 technologies, 93 industry partners listed and with over 60 of these technologies have been transferred to industry.

Dr Harsh Vardhan observed that “The portfolio of technologies and products developed in a short time are a testament to the capabilities of CSIR scientists and that they can deliver in most difficult of the circumstances”. He complimented the efforts of the scientists, students and staff of CSIR for developing these technologies and products at such short notice in these challenging conditions. He said that “The compendium brought out by CSIR captures the technologies and products well in one place and can help industries and other agencies who are seeking solutions for Covid-19 to access them easily.”

Expressing his satisfaction, the Minister said, “CSIR has made significant contributions to India’s fight against Covid-19 on various fronts ranging from augmenting testing capacity to developing novel diagnostics and making affordable repurposed drugs available to patients in partnership with industry”. “ Further, CSIR has developed many hospital assistive devices such as ventilators and PPEs for which a shortage was felt early on in the pandemic”, he said and added that “Now CSIR has compiled a compendium which captures the technologies, products and know-how developed for mitigation of Covid-19 pandemic.”

Dr Harsh Vardhan also complimented the role of CSIR in bringing repurposed drugs against Covid-19 to patients at the earliest in partnership with industry such as Cipla for Favipiravir. He emphasized that efforts such as these will benefit Covid19 patients by making the drugs affordable. “CSIR-IICT has developed a cost-effective synthetic process technology for Active Pharmaceutical Ingredient (API) of Favipiravir using locally available chemicals and transferred the technology to Cipla who scaled up and manufactured the drug based on this technology”, he said.

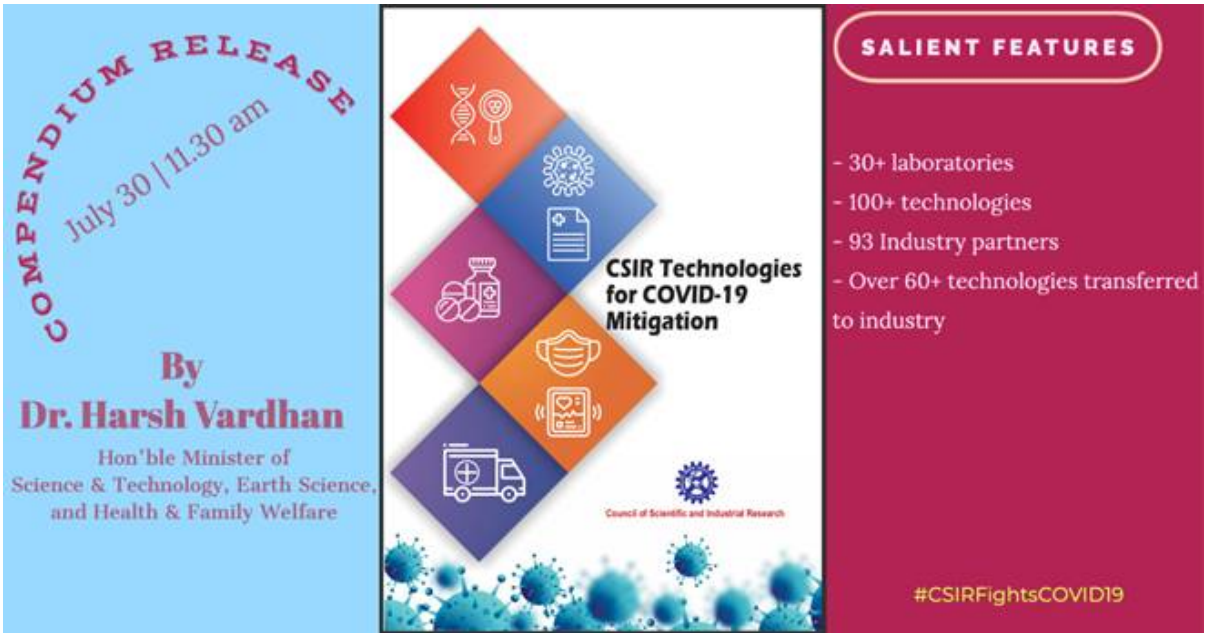
The Minister also highlighted the contribution of CSIR-NAL whose expertise though is in aviation, rose to the challenge and developed SwasthVayu a non-invasive BiPAP ventilator in a short span of 36 days. Dr Harsh Vardhan exhorted the scientific community to come together and develop new innovations, technologies and products at this time of need as it is only S&T that can deliver us out of this pandemic and also fulfill the aspirations of ‘Aatma Nirbhar Bharat’. He also noted that CSIR has developed Kisan Sabha, a one stop solution to Connect Farmers to Supply Chain & Freight Transportation Management System, has been developed and more than 60,000 downloads have been reported so far. It is available in many regional languages and also connects farmers directly to Mandis.

DG CSIR, Dr Shekhar C Mande said that CSIR has partnered with not only large industries such as TATA Sons, Reliance Industries but also with PSUs such as BHEL and BEL and MSMEs for the deployment of the technologies and products at the earliest. Further, he highlighted that CSIR has developed a Covid-19 Portal that captures these technologies in an easily searchable format for users.

The function was attended by Joint Secretary, SCIR, Shri Vaideshwaran; Financial Advisor, CSIR, Ms Sumita Sarkar; Head, HRDG & RAB, Sgri Chakraborty; Head, Central Planning Division, Shri Venkatasubramnian; Head, Innovation Management Directorate, Shri R. P. Singh; Head, Science Communication and Dissemination Directorate, Dr. Geetha Vani Rayasam; Senior Principal Scientist, Shri G. Mahesh while other senior officials and Scientists of CSIR from various parts of the country joined the event by virtual network of video link.

Please click here for details of the CSIR Compendium.


CSIR


COMPENDIUM RELEASE
July 30 | 11.30 am
By
Dr. Harsh Vardhan
Hon'ble Minister of
Science & Technology, Earth Science,
and Health & Family Welfare
CSIR Technologies for COVID-19 Mitigation
Council of Scientific and Industrial Research
SALIENT FEATURES
- 30+ laboratories
- 100+ technologies
- 93 Industry partners
- Over 60+ technologies transferred to industry
#CSIRFightsCOVID19


ALSO ON COVID-19 PORTAL..
July 30 | 11.30 am
By
Dr. Harsh Vardhan
Hon'ble Minister of
Science & Technology, Earth Science,
and Health & Family Welfare
SALIENT FEATURES
- 30+ laboratories
- 100+ technologies
- 93 Industry partners
- Over 60+ technologies transferred to industry
CSIR India
Fight Against COVID-19
STRATEGY INCLUDES
5 Verticals
38 Laboratories
3000+ Scientists
1000s of Students
#CSIRfightsCOVID19
An Integrated Approach to COVID-19 Intervention
125000+
150000+
170+
400000+
Visit us at:
https://covid19csir.urdip.res.in/
#CSIRFightsCOVID19

*****

NB/KGS(CSIR Inputs)