

CSIR's newly developed disinfection technology ready for installation

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Union Minister of State (Independent Charge) Science & Technology; Minister of State (Independent Charge) Earth Sciences; MoS PMO, Personnel, Public Grievances, Pensions, Atomic Energy and Space, Dr Jitendra Singh has said that CSIR's newly developed Disinfection technology is being installed to combat pandemic in railway coaches, AC buses, closed spaces etc.

The UV-C technology developed by the Ministry of Science & Technology through CSIR-CSIO (Central Scientific Instruments Organisation) is totally effective for mitigation of airborne transmission of SARS-COV-2 and will also remain relevant in post-COVID era.

The technology has been successfully tried in Railways, AC Buses and even the Parliament House and is now open for general roll-out for use by common masses, he said.

The technology has been developed according to the requirements for deactivation of SARS COV-2 virus contained in an aerosol with necessary ventilation measures, necessary safety and user guidelines and tested Bio-safety standards etc. UV-C deactivates viruses, bacteria, fungus and other bio - aerosols etc. with appropriate dosages using 254nm UV light.