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CMERI announces transfer of COVID-19 related technologies

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COVID-19 related technologies namely IntegratedÂ Municipal Solid Waste Disposal System in modular form, Oxygen Enrichment Unit andÂ Intelligent UVC LED Steriliser Unit



CSIR-Central Mechanical Engineering Research Institute (CMERI), Durgapur has transferred its COVID-19 related technologies namely Integrated Municipal Solid Waste Disposal System in modular form, Oxygen Enrichment Unit and Intelligent UVC LED Steriliser Unit to Sai Enviro Engineers Pvt Ltd (SEEPL), Tuticorin Tamil Nadu, Zen Medical Technologies Pvt Ltd, Ranga Reddy, Telangana and Trinity Microsystems Pvt Ltd, New Delhi.

The Oxygen Enrichment Unit developed by the institute is a device, which concentrates the oxygen from the air around us by selectively removing nitrogen to supply an oxygen-enriched air. The concentrated oxygen is delivered to the patient with breathing-related problems through oxygen mask or nasal cannula to improve oxygenation in the blood.

Representative of Zen Medical Technologies Pvt Ltd stated that it would also be equally effective for high altitude terrain soldiers for their contingency purposes due to its smooth portability.

The Intelligent UVC LED Steriliser Unit brings an extra protection. This is because hand washing and use of mask may not be enough if objects of regular usage like mobile, wallet or key chains are budding with germs.

While taking the technology the people from Trinity Microsystems Pvt Ltd, New Delhi said that the deployment of this steriliser units at schools and industrial units would be very vital for continuing their businesses during the resurgence of the pandemic.