



CSIR

New Millennium Indian Technology Leadership Initiative (CSIR-NMITLI)

The following Projects have been selected against CSIR-NMITLI Call for Proposals for tackling COVID-19:

S. No.	Title of proposal
1.	Development of an indigenous, affordable neonatal to an adult ventilator to be used for mechanically ventilating multiple patients with respiratory failure, simultaneously.
2.	Development of a Portable Respiratory Assistive Device
3.	Development of an accurate, affordable point-of-care Diagnostics kit for COVID-19
4.	The development of a multi-omics-based machine learning algorithm to predict the clinical course and prognosis of COVID-19 patient
5.	Development of Mycobacterium W for COVID-19”: Safety and Efficacy Trial in critically ill, hospitalized and at risk patients.
6.	Development of an inactivated SARS-CoV2 vaccine for COVID-19 (ICoV2Vac)
7.	Development of the most appropriate manufacturing process for the production of two important drugs to treat COVID-19 disease.
8.	Generation of neutralizing human monoclonal antibodies against the SARS-CoV2 virus as a therapeutic strategy to contain the COVID-19 pandemic