

**Second List of recommended short term CRG COVID-19 Proposals under Chemical Sciences**

<b>Sr. No.</b>	<b>PI Details</b>	<b>Project Title</b>
1	<b>SB/S1/Covid-9/2020</b> Prof. Jayant Kumar Singh Department of Chemical Engineering Indian Institute of Technology Kanpur	In silico screening for repurposing known drugs for SARS-CoV-2 using AI and molecular simulations
2	<b>CVD/2020/000018</b> Dr. Uttam Manna Associate Professor, Department of Chemistry Indian Institute of Technology Guwahati	Extremely Water Repellent Coating for Anti-Viral Application
3	<b>CVD/2020/000090</b> Dr. Suryasarathi Bose Associate Professor, Department of Materials Engineering Indian Institute of Science, Bangalore	Cost-effective, Antiviral and Antibacterial textile based face mask using facile and industrially scalable air-brush technology
4	<b>CVD/2020/000154</b> Dr. Rupesh Dash Scientist-E, Cancer Biology Institute of Life Sciences-Bhubaneswar	Evaluating the potential antiviral efficacy of functional carbon quantum dots loaded with Ketorolac salt against SARS-CoV-2