

**Science and Engineering Research Board (SERB)**  
**(A Statutory body under Department of Science & Technology, Govt. of India)**

**First set of approved research projects against special DST-SERB R&D calls  
to combat coronavirus (CoVID-19) and related respiratory infections**

**Proposal 1: Identification of global metabolite biomarkers in CoVID-19 infected patients for targeted therapy**

Dr. Sanjeeva Srivastava, Department of Biosciences and Bioengineering, IIT Bombay, Mumbai  
Email: sanjeeva@iitb.ac.in

**Proposal 2: Development of functionalized inanimate surfaces with repurposable multi-targeted viricidal agents/drugs for preventive and cost-effective antiviral applications.**

Dr. Nagma Parveen, Department of Chemistry, IIT Kanpur, Kanpur  
Email: nagma@iitk.ac.in

**Proposal 3: Development of antiviral surface coatings to prevent the spread of infections caused by influenza virus.**

Dr. Jayanta Halder, JNCASR, Bangalore  
Email: jayanta@jncasr.ac.in

**Proposal 4: Development of formulations for viral decontamination of inanimate surfaces**

Dr. B. S. Butola, Department of Textile and Fibre Engineering, IIT Delhi  
Email: bsbutola@textile.iitd.ernet.in

**Proposal 5: Antibody-based capture of 2019-nCoV and its inactivation using lipid-based *in situ* gel**

Dr. Kiran Kondabagil, Department of Biosciences and Bioengineering, IIT Bombay, Mumbai  
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*Please contact the undersigned for more information concerning CoVID-19 R&D efforts of DST-SERB:*

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