

# Guidance for evaluation of novel applications for COVID-19

by the Indian Council of Medical Research,  
Department of Health Research



DEPARTMENT OF  
**HEALTH RESEARCH**

in partnership with



**CSIR**  
Council of Scientific &  
Industrial Research



जैवप्रौद्योगिकी विभाग  
**DEPARTMENT OF  
BIOTECHNOLOGY**



विज्ञान एवं प्रौद्योगिकी विभाग  
**DEPARTMENT OF  
SCIENCE & TECHNOLOGY**

## — Investigational products, Technologies, Drugs, AYUSH regimens & Devices for COVID-19

Since the inception of the COVID-19 pandemic, ICMR has received over 190 requests for evaluation of molecules/AYUSH regimens/products/technologies/ diagnostic kits, etc.

In view of ICMR's involvement in diagnosis, research, surveillance, clinical trials and validation of diagnostic kits for COVID-19, the Cabinet Secretary has directed ICMR to partner with various Science Departments like Department of Science and Technology (DST), Department of Biotechnology (DBT) and Council of Scientific and Industrial Research (CSIR) for evaluating the antiviral properties of investigational products/repurposed drugs/devices/technologies, etc. The detailed list of identified institutions from each department along with the contact details of the nodal person is placed at Annexure I.

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***All commercial entities and innovators are advised to refer their products directly to the designated institutes.***

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ICMR designated validation centers ([web link](#)) will continue to evaluate the diagnostic kits (both RT-PCR and antibody test), VTM, and RNA extraction kits.

## List of Institutes



**icmr**  
INDIAN COUNCIL OF  
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S.No	Investigational Products/ Technology/ Devices	ICMR Institutes	CSIR Institutes	DBT Institutes	DST Institutes
1	Synthetic molecules/drugs- <b>Repurposed drugs</b>	NIV, Pune NARI, Pune	IICT, Hyderabad NCL, Pune CDRI, Lucknow NIIST, Thiruvananthapuram IIIM, Jammu NEIST, Jorhat	ICGEB, New Delhi RCB, Faridabad ILS, Bhubaneswar THSTI, Faridabad RGCB, Kerala	IACS, Kolkata JNCASR, Bengaluru
2	Synthetic molecules/drugs- <b>New molecules</b>	NIV, Pune NARI, Pune	IICT, Hyderabad NCL, Pune CDRI, Lucknow IIIM, Jammu CCMB, Hyderabad	ICGEB, New Delhi RCB, Faridabad ILS, Bhubaneswar THSTI, Faridabad RGCB, Kerala	IACS, Kolkata JNCASR, Bengaluru
3	Nano particles		NCL, Pune NIIST, Thiruvananthapuram	ICGEB, New Delhi ILS, Bhubaneswar THSTI, Faridabad RGCB, Kerala	IACS, Kolkata JNCASR, Bengaluru
4	Plant extracts (Crude extracts/oils//purified products)		IICB, Kolkata NBRI, Lucknow IIIM, Jammu	RCB, Faridabad ILS, Bhubaneswar IBSD, Manipur THSTI, Faridabad RGCB, Kerala ICGEB, New Delhi	ARI, Pune JNCASR, Bengaluru
5	Herbal formulations		IIIM, Jammu NBRI, Lucknow NIIST, Thiruvananthapuram	RCB, Faridabad ILS, Bhubaneswar IBSD, Manipur THSTI, Faridabad RGCB, Kerala ICGEB, New Delhi	National Innovation Foundation, Gandhinagar JNCASR, Bengaluru
6	Ayurveda based formulations		IIIM, Jammu	RCB, Faridabad ILS, Bhubaneswar THSTI, Faridabad RGCB, Kerala ICGEB, New Delhi	JNCASR, Bengaluru
7	Siddha based formulations		TKDL, New Delhi	RCB, Faridabad RGCB, Kerala ICGEB, New Delhi	JNCASR, Bengaluru
8	Homeopathy based formulations		TKDL, New Delhi	RGCB, Kerala ICGEB, New Delhi	JNCASR, Bengaluru

9	Surface Disinfectants	NCL, Pune		SCTIMST, Thiruvananthapuram IACS, Kolkata, JNCASR, Bengaluru
10	Hand sanitizers	NCL, Pune	IBSD, Manipur	ARCI, Hyderabad IACS, Kolkata ARI, Pune JNCASR, Bengaluru
11	Diagnostic/ventilators/ supportive devices etc	NAL, Bengaluru CMERI, Durgapur CSIO, Chandigarh	THSTI, Faridabad (only in vitro diagnostics) RGCB, Kerala	SCTIMST, Thiruvananthapuram ARI, Pune
12	UV based equipments/ small portable unity ozone based units/ Ion generator	CMERI, Durgapur CSIO, Chandigarh		SCTIMST, Thiruvananthapuram ARCI, Hyderabad IACS, Kolkata
13	PPE-Fabrics, Masks, Gloves	NAL, Bengaluru NCL, Pune CMERI, Durgapur		ARCI, Hyderabad IACS, Kolkata JNCASR, Bengaluru
14	AI-Health tools	IGIB, New Delhi CEERI, Pilani		JNCASR, Bengaluru
15	Mobile applications (Apps)	IGIB, New Delhi CEERI, Pilani		IACS, Kolkata JNCASR, Bengaluru





## List of CSIR Institutes

S.NO	CSIR Laboratories	Nodal Officer	Contact details
1.	IICT, Indian Institute of Chemical Technology, Hyderabad	Dr. S. Chandrashekhar, Director, IICT	Tel-040-27193030 Email- director@iict.res.in, srivari@iict.res.in
2.	NCL, National Chemical Laboratory, Pune	Dr. Ashwani Nangia, Director, NCL	Tel-020-25902600 Email-director@iict.res.in
3.	CDRI- Central Drug Research Institute, Lucknow	Prof. Tapas K Kundu, Director, CDRI	Tel-0522-2771940 Email-directoe@cdri.res.in
4.	NIIST- National Institute for Interdisciplinary Science and Technology	Dr. A. Ajayaghosh, Director, NIIST	Tel-0471-2490324 Email-director@niist.res.in
5.	IIIM- Indian Institute of Integrative Medicine, Jammu	Dr. Ram Viswakarma, Director, IIIM	Tel-0191-2584999 Email-director@iiim.res.in
6.	CCMB - Centre for Cellular and Molecular Biology, Hyderabad	Dr. Rakesh Kumar Mishra, Director, CCMB	Tel-040-27160789 Email-director@ccmb.res.in
7.	NEIST- North East Institute of Science and Technology, Jorhat	Dr. G Narahari Sastry, Director, NEIST	Tel-0376-2370012 Email-director@neist.res.in
8.	IICB- Indian Institute of Chemical Biology, Kolkata	Dr. K Muraleedharan, Director, IICB	Tel-033-24131157 Email-director@iicb.res.in
9.	NBRI- National Botanical Research Institute, Lucknow	Dr. S.K.Barik, Director, NBRI	Tel-0522-2205848 Email-director@nbri.res.in
10.	TKDL- Traditional Knowledge Digital Library, New Delhi	Dr. VJ Sattigeri, Head, CSIR-TKDL	Mobile-9818038495 Email-viswajanani.sattigeri@csir.res.in
11.	NAL- National Aerospace Laboratories, Bangalore	Dr. JJ Jadhav, Director, NAL	Tel-080-25270584 Email-director@nal.res.in
12.	CMERI- Central Mechanical Engineering Research Institute, Durgapur	Dr. Harish Hirani, Director, CMERI	Tel-0343-2546749 Email-director@cmeri.res.in
13.	CSIO- Central Scientific Instruments Organisation, Chandigarh	Dr. Sanjay Kumar, Director, CSIO	Tel-0172-2657190 Email-director@csio.res.in
14.	IGIB- Institute of Genomics and Integrative Biology, New Delhi	Dr. Anurag Agrawal, Director, IGIB	Tel-011-27662407 Email-director@igib.res.in
15.	CEERI-Central Electronics Engineering Research Institute, Pilani	Dr. DK Aswal, Director, CEERI	Tel-01596-242111 Email-director@ceeri.ernet.in



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## List of DBT Institutes

S.No	DBT Institutes	Nodal Officer	Contact details
1.	THSTI- Translational Health Science and Technology Institute, Faridabad	Dr. Madhu Dikshit, THSTI	Tel-7706823106 Email-madhudikshit@thsti.res.in
2.	RGCB- Rajiv Gandhi Centre for Biotechnology, Kerala	Dr R Pillai, Director, RGCB Dr. Sreekumar, RGCB	Email-mrpillai@rgcb.res.in Email-esreekumar@rgcb.res.in
3.	ILS- Institute of Life Sciences, Bhubaneswar	Dr. Ajay Parida, Director, ILS	Tel-9444024019 Email-director@ils.res.in
4.	RCB- Regional Centre for Biotechnology, Faridabad	Dr. Sudhanshu Vрати, Director, RCB	Tel-9811007944 Email-vrati@rcb.res.in
5.	IBSD- Institute of Bioresources and Sustainable Development, Manipur	Prof. Pulok Kumar Mukherjee, Director, IBSD	Tel- +91-385-2446121(O) Email-pulokm@gmail.com
6.	ICGEB- International Centre For Genetic Engineering and Biotechnology, New Delhi	Dr. Dinakar M. Salunke, Director, ICGEB	Tel-09650782444 Email-icgeb.director@gmail.com



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## List of DST Institutes

S.NO	DST Institutes	Nodal Officer	Contact details
1.	IACS- Indian Association for the Cultivation of Science, Kolkata	Dr. Surajit Sinha (repurposed drugs)	Tel-9883296277 Email-ocss5@iacs.res.in
		Dr. Rajib Goswami (repurposed drugs)	Tel-8017339115 Email-ocrkg@iacs.res.in
		Dr. Jyotimayee Dash (repurposed drugs)	Tel-9635350592 Email-dasj06@gmail.com
		Dr. Joyram Guin (synthetic new drug molecules)	Tel-9477325784 Email-ocjg@iacs.res.in
		Dr. Arindam Banerjee (synthetic new drug molecules)	Tel-9674482237 Email-bcab@iacs.res.in
		Dr. Narayana Pradhan (Nano particles)	Tel-9239101126 Email-npiacs@gmail.com
		Dr. Nikhil R Jana (Nano particles)	Tel-9830116570 Email-npiacs@gmail.com
		Dr. Suhrit Ghosh (Disinfectants)	Tel-9903456859 Email-npiacs@gmail.com
		Dr. Tapan Paine (Disinfectants/hand sanitizers)	Tel-9432578095 Email-ictkp@iacs.res.in
		Dr. Amlan J Pal (Devices)	Tel-9433059564 sspajp@iacs.res.in
		Dr. Debajyoti Das (Devices)	Tel-9830116570 Email-erdd@iacs.res.in
		Dr. Subham Majumdar (Ozone based units/ion generator)	Tel-9836701580 Email-sspsm2@iacs.res.in
		Dr. Somobrata Acharya (Fabrics/ masks/ gloves)	Tel-96097630122 Email-somobrata@gmail.com
		Dr. Santanu Bhattacharya (Fabrics/ masks/ gloves)	Tel-9831763539 Email-director@gmail.com
		Dr. KD Mallikarjuna Rao (Fabrics/ masks/ gloves)	Tel-9632524294 Email-mallik2arjun@gmail.com
		Dr. Subhadeep Datta (Mobile Apps)	Tel-9748285438 Email-subhanano@gmail.com



2.	JNCASR- Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru	Prof.Jayanta Haldar (synthetic drug molecules/ Disinfectants/sanitizers)	Tel-080-2208-2565, 080-22082716 Email-jayanta@jncasr.ac.in, jayanta.jnc@gmail.com
		Dr.Ravi Manjithaya (synthetic drug molecules/ disinfectants/ plant extracts/herbal/ayurvedic/ siddha/homeopathy formulations/ sanitizers)	Tel- 080-22082652, 22082924 Email-ravim@jncasr.ac.in
		Dr Uday Kumar Ranga (plant extracts/herbal/ayurvedic/ siddha/homeopathy formulations)	Tel-080-22082830 Email-udaykumar@jncasr.ac.in
		Prof.Santosh Ansumali (AI tools/ mobile Apps)	Tel-080-22082938, 22082767, 22082994, 22082632, Email-ansumali@jncasr.ac.in
		Dr Meher K Prakash (AI tools/mobile Apps)	Tel-080-22082582, Email-meher@jncasr.ac.in
3.	ARI- Agharkar Research Institute, Pune	Dr SK Singh (Traditional medicine/ sanitizers)	Tel-+9125325103 Email-sksingh@aripune.org
		Dr JM Rajwade (Diagnostic devices)	Tel-020-25325129/9822280291 Email-jrajwade@aripune.org
4.	NIF- National Innovation Foundation, Gandhinagar	Dr RK Ravikumar	Tel-9412052265 Email-ravikumar@nifindia.org
5.	SCTIMST- Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram	Dr S. Balram (Disinfectants/devices)	Tel-9249402311 Email-tbd@sctimst.ac.in
		Dr Sandhya (Devices)	Tel-9895098086 Email-tbd@sctimst.ac.in
6.	ARCI-International Advanced Research Centre for Power Metallurgy & New Materials, Hyderabad	Dr R Vijay (Hand sanitizers)	Tel-040-24452334, 9441245688 Email-vijay@arci.res.in
		Dr BV Sarada (UV equipments/ small units)	Tel-040-24452448, 9963978039 Email-saraad@arci.res.in
		Dr TN Rao (Fabrics/masks, gloves)	Tel-040-24441077, 9849546605 Email-tata@arci.res.in



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