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**Department of Biotechnology  
Ministry of Science & Technology  
Government of India**

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**COVID 19**  
**Delivering Immediate solutions for meeting  
Healthcare Challenges**

The Department of Biotechnology has put together a major COVID 19 Consortium to support the development of Medical equipments Diagnostics, Therapeutics, Drugs and Vaccines to meet the Healthcare Challenges.

463

Proposals received



Department of Biotechnology (DBT) and  
Biotechnology Industry Research Assistance Council (BIRAC)



**Announce**  
**COVID-19 Research Consortium**  
And seek Letter of Intent (LoI)  
with a focus on

**Diagnostics, Vaccines, Novel Therapeutics,  
Repurposing of Drugs or any other intervention for  
Control of COVID-19**

Call opens: 19<sup>th</sup> March 2020      Call closes: 30<sup>th</sup> March 2020; 2:00 pm

- DBT and BIRAC are working with the Start ups to Scale up their COVID-19 healthcare prevention and treatment solutions.

**192**  
solutions from BIRAC's  
Incubators/ Stakeholders'  
Network

• AMTZ - A manufacturing facility for indigenous development of Ventilators, testing kits, imaging equipment and ultra sound and high end radiology equipment set up in Vishakapatnam.

**AMTZ**  
Manufacturing Support for Startups / Innovators with **INNOVATIONS IN VENTILATORS**

- ◆ 1 Lakh Sqft. Space Reserved for Manufacturing.
- ◆ EMI - EMC, BioMaterial & other Testing charges to be Free for COVID-19 targeted products

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**AMTZ**  
Support for Large Scale Manufacturing of **DIAGNOSTIC KITS & VENTILATORS FOR COVID-19**

- ◆ Ready Factory Space Reserved for Manufacturing.
- ◆ EMI - EMC, BioMaterial & other Testing Capacity
- ◆ 100% Plant & Machinery Support
- ◆ For every Large scale project, a team of 25 scientists shall be provided for 3 months free of cost as HR support
- ◆ RFPs for financial Support @ [www.amtz.in](http://www.amtz.in)
- ◆ Last Date to Apply : 26<sup>th</sup> March 2020

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**Production from April 1<sup>st</sup> week**

- Ventilators 300 /week
- Testing kits 1.25 lakhs/week
- Thermal scanners 600 /week
- Other equipment as per demand discussions

# Activities initiated

- **First Indigenous kit developed by Start up in Pune, Manufacturing being scaled up to produce nearly one lakh kits per week.**

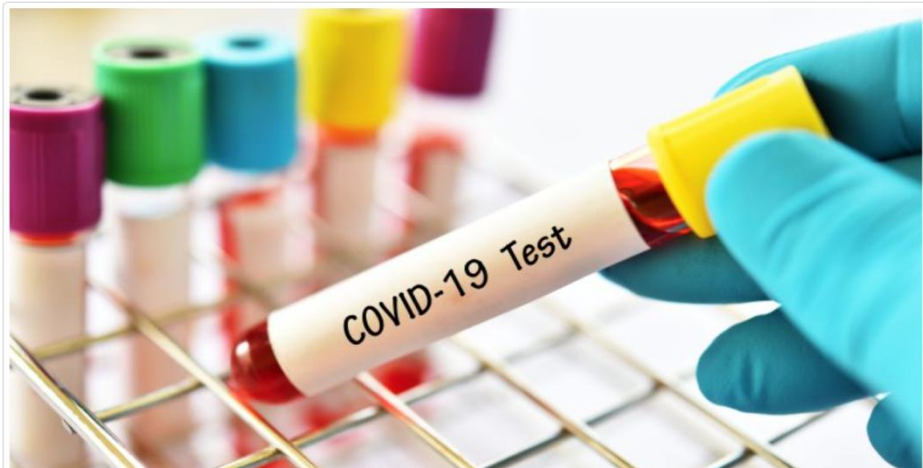
## CDSCO approves COVID-19 PCR kit by Mylab

24 March 2020 | News

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Developed the first made in India test kits for COVID-19 in a record time of six weeks



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## Press Release

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### First Made in India COVID-19 tests kit by Mylab gets commercial approval from the government

- Mylab is the first Indian company getting commercial COVID-19 PCR kit approved by CDSCO
- Mylab COVID-19 test kits cost nearly one-fourth of the currently procured kits
- Mylab uses advanced protocols which can reduce testing time by 65%

## Activities initiated

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- **DBT along with Drug Controller General of India has developed a Rapid Response Regulatory Framework to provide expedited regulatory approvals for all diagnostics drugs and vaccines. This has been notified.**
- **Vaccine development is being supported with three Indian industries. Proposal for having a manufacturing capacity ready for vaccine production for Indian population is under development in discussion with Industry.**
- **Research on Therapeutic and drug development has started in the DBT Autonomus research laboratories.**

## Activities initiated

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- **A National Consortium for Indigenisation of Resources for Biopharma products is being developed in a Public Private model with Industry so that India's dependency on import of critical components is totally reduced .In this period of lock down many activities are stalled because of our dependency. Consortium EFC will be ready in 10 days.**
- **Required reagents, primers and probes for testing kits to be produced by Indian industry consortium.**



# FIRST HUB Special Session on **COVID - 19**

FIRST HUB is a facilitation unit set up by BIRAC to address the queries of Innovators

Every Friday 3:00 to 5:00 pm  
Starting from 3rd April 2020

Representatives from CDSCO, ICMR, NIB, GeM, KIHT, BIS, DBT and BIRAC will be available to take queries on:

**Regulatory Pathways | Funding Opportunities  
Public Procurement | IVD Testing & Validation  
Standards & Specifications  
Manufacturing & Testing Infrastructure Support**

- QUERIES CAN BE SUBMITTED THROUGH BIRAC PORTAL - [https://www.birac.nic.in/desc\\_new.php?id=427](https://www.birac.nic.in/desc_new.php?id=427)
- QUERIES SUBMITTED THROUGH BIRAC PORTAL WILL BE CONSIDERED AND ANSWERED THROUGH AUDIO/ VIDEO CONFERENCING MODE ONLY
- FOR FURTHER QUERIES WRITE AT [sgandhi.birac@nic.in](mailto:sgandhi.birac@nic.in)

## Regulatory Support

- **DBT and BIRAC have initiated a Special FIRST HUB (Facilitation of Innovation and Regulation for Start-ups and Innovators) Weekly Session ONLY for COVID-19 solutions**

**BIRAC partnered with Invest India to seek CSR Funds for COVID-19 Research Consortium.**

Invest India has partnered with BIRAC, for the COVID-19 Research Consortium to seek proposals with a focus on diagnostics, vaccines, or any other intervention for the control of COVID-19 and to help channelise CSR funds for COVID-19 solutions.



**@ Business Immunity Platform**