

Dear C-CAMP Friend,

Bringing you the July edition of our bimonthly news bulletin, where we have curated specially for you, our ongoing COVID-19 innovation efforts in mitigating the pandemic, the latest highlights from C-CAMP Technology Platforms and Innovation and Entrepreneurship programs and our startups who grabbed headlines in India and abroad.

This is CCAMP #NewsYouCanUse, July 2021. Browse the content links below and pick what interests you.

Team C-CAMP

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HIGHLIGHT OF THE BULLETIN



**Delighted to present C-CAMP supported startups
pioneering bioinnovation for societal impact to
Hon'ble Minister, Smt. Nirmala Sitharaman
Finance & Corporate Affairs, Govt. of India**



1. C-CAMP supported innovations presented to Hon'ble FM of India, Smt Nirmala Sitharaman.

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MITIGATING THE PANDEMIC THROUGH INNOVATION COLLABORATIONS



C-CAMP supported COVID Innovations are to be deployed in Karnataka in partnership with Huawei India.



Thankful to Hon'ble Deputy CM of Karnataka, Dr. Ashwathnarayan C. N. and Govt. of Karnataka for supporting us in the deployment



2. C-CAMP handed over life-saving biomedical COVID-19 innovations to Hon'ble Deputy CM, GoK, Dr Ashwathnarayan C.N. for deployment across the State.

Initiative funded by Huawei India.

[READ MORE..](#)

3. C-CAMP's portable cold chain solution for last mile vaccine transport is being deployed in metros and rural centres across Bengaluru, Mysuru and Chennai.

Product deployed- Emvolio by Blackfrog Health. Deployment funded by Hitachi ABB Power Grids.

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C-CAMP and Hitachi ABB Power Grids come together
To aid India's immunization drive with cold chain technology to counter vaccine wastage.



- Battery operated
- Portable
- Thermo-regulated refrigeration unit
- For last mile vaccine delivery



To be deployed in Bengaluru, Mysuru and Chennai.



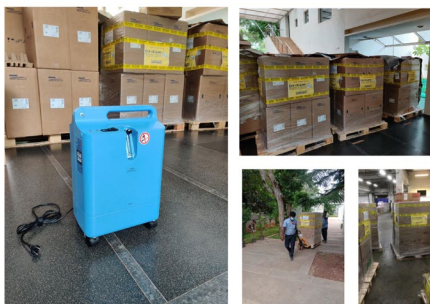
4. C-CAMP enhanced State's oxygen therapy capacity for COVID-19 patients by deploying over 100 oxygen concentrators in public healthcare centres.

Project supported by CSR funding from Mercedes Benz Research & Development, India and facilitated by Nayonika Trust, German Consulate, Bengaluru and Embassy of India in Germany.

[READ MORE..](#)



Augmenting vital healthcare infrastructure in Karnataka in India's COVID-19 combat.



We Thank

Mercedes Benz
Research & Development India

Nayonika Eye Care
Charitable Trust



German Motors
in India

Embassy of India
Bengaluru, Karnataka



https://twitter.com/CCAMP_Bangalore



<https://www.ccamp.res.in/>

C-CAMP INNOVATIONS REACH COVID-19 PATIENTS ACROSS INDIA



Mumbai

Vizag

COVID DEPLOYMENT ALERT
ASSISTED RESPIRATORY DEVICES DEPLOYED IN COVID CARE CENTRES IN NAVI MUMBAI & VIZAG

Implemented by **C-CAMP**
Funded by **SBI FOUNDATION**

Coeo Labs

5. Non-invasive ventilators for COVID critical care developed by C-CAMP startup Coeo Labs/Innacel deployed at Jumbo COVID Hospital, Navi Mumbai and TB Chest Hospital, Vizag.

Saans Pro, a HFNC and CPAP Machine can help patients in respiratory distress without the risks and resources associated with invasive ventilation. Funded by SBI Foundation.

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6. C-CAMP's assisted respiratory device, Saans Pro has also been deployed at District Combined Hospital Ghaziabad in UP

Device developed by Coeo Labs/Innacel. Funded by Indian Oil Corporation Limited, IOCL.

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SAANS PRO, A NON-INVASIVE VENTILATOR TECHNOLOGY FROM C-CAMP DEPLOYED AT DISTRICT COMBINED HOSPITAL, GHAZIABAD WITH CSR SUPPORT FROM INDIAN OIL CORPORATION LIMITED IOCL.

GHAZIABAD

Coeo Labs INNACCEL

50 STATE-OF-THE-ART REMOTE VITALS MONITORING TECHNOLOGY DEPLOYED IN KILPAUK MEDICAL COLLEGE, CHENNAI

Implemented by **C-CAMP**
Funded by **SBI FOUNDATION**

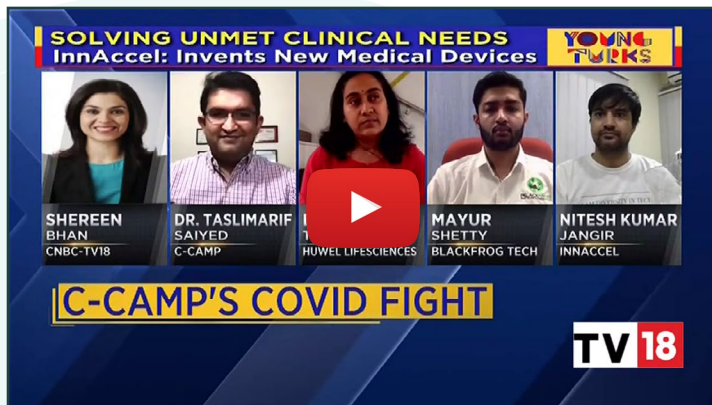
dozee

7. C-CAMP startup Turtle Shell Technologies has deployed 50 units of Dozee at Kilpauk Medical College, Chennai.

Deployment of device will ramp up ICU grade hospital bed capacity across India. Funded by SBI Foundation.

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C-CAMP IN THE MEDIA



8. C-CAMP's COVID fight back efforts were featured by CNBC Young Turks.

In a chat with CNBC host Shereen Bhan, CEO & Director, Dr Taslimarif Saiyed shared how C-CAMP is bringing world class indigenously developed innovations to boost India's public healthcare system in these challenging times.

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TECHNOLOGY PLATFORMS NEWS



200+
PUBLICATIONS

and going strong

From C-CAMP supported High-End Technology Services at the Bangalore Life Science Cluster

<https://www.ccamp.res.in/publications>

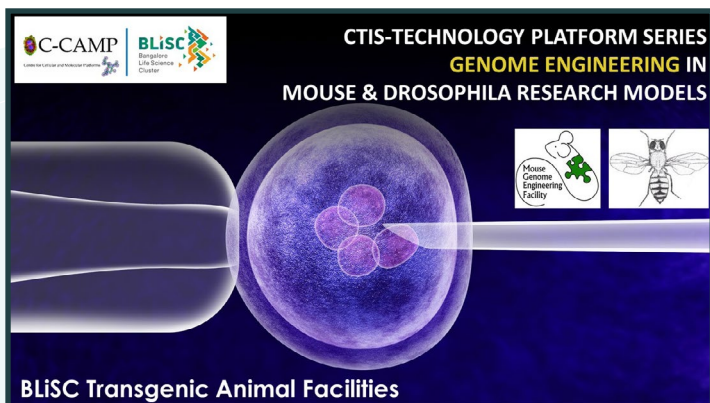


9. C-CAMP supported publications cross 200 mark!

C-CAMP is delighted to have supported crucial science through its state-of-the-art Technology Platforms portfolio with Bangalore Life Sciences Cluster.

Email services@ccamp.res.in to help us know your research needs better.

[PUBLICATION LIST](#)



10. A Tryst with Genome Engineering in Biology's Most Trusted Animal Models: C-CAMP Technology & Innovations Webinar Series, CTIS.

We captured in an article the high points from CTIS - Technology Platforms webinar on Genome Engineering in Mouse and Drosophila research models with BLiSC experts Dr Aurelie [Lily] Jory and Dr. Deepti Trivedi.

Catch the [recording](#) of the session.

[ARTICLE LINK](#)



11. C-CAMP Medtech Rapid Prototyping Facility uFab offers under one roof, design, proof of concept, prototyping & pilot scale device development.


Facility is supported by DBT-BIRAC's National Biopharma Mission.

Email: services@ccamp.res.in to know more.





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**NBM MedTech Rapid Prototyping μ Fab
Idea to Pilot-scale Device Development**

-  Design, proof of concept, prototyping and pilot-scale device development and manufacturing under one roof.
-  Modern equipment for rapid conversion of ideas to products.
-  ISO 13485 quality management system being implemented.
-  Testing and packaging in CLASS 10000 cleanroom facility also offered.

STARTUP NEWS CORNER



12. C-CAMP startup Sea6 Energy has raised 9 Million USD in Series B funding led by Aqua Spark, a global VC supporting sustainable aquaculture.

Funding will develop Sea6's mechanized deep-sea seaweed farming solution that can help scale up cultivation enough for sustaining large scale biofuels or bioplastics generation.

With support from BIRAC and AIM.

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13. Two C-CAMP startups, Eyestem Research and Sekkei Bio have raised VC funding for their pioneering work in cell-therapy and metabolic, neurological disorders.

Endiya Ventures has invested in Eyestem for scaling up their regenerative therapy for dry age-related Macular Degeneration, leading cause of blindness globally.

Sekkei Bio has raised 2 Million USD in Series A funding from private body corporate investor for their novel therapeutics for metabolic/neurological illnesses.

With support from BIRAC and AIM.

[READ MORE ON EYESTEM & SEKKEI BIO](#)

FUNDING ALERT!

2 C-CAMP startups raise VC funding!

Eyestem

Sekkei Bio
Innovation by design

Eyestem:
Cell therapy based treatment of Dry Age-related Macular Degeneration

Sekkei Bio:
Novel therapeutics for metabolic and neurological disorders

C-CAMP
Centre for Cellular and Molecular Platforms



14. 2 C-CAMP startups have been selected among top 20 Medtech Innovator Asia Pacific 2021 cohort.

3rd straight year when C-CAMP portfolio startups have made it to this prestigious medtech cohort.

With support from BIRAC and

[READ MORE..](#)

15. C-CAMP supported startup Biodesign Innovation Labs has won Pandemic Response Prize at Cisco Global Problem Solver Challenge 2021.

Biodesign's technology Respiraid is an automated, portable mechanical ventilation support that is helping COVID-19 patients in respiratory distress. With support from BIRAC.

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