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Rapid prototyping facility ÂµFab opens at C-CAMP

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Dr Renu Swarup, Chairperson, BIRAC inaugurates the facility



Centre for Cellular and Molecular Platforms (C-CAMP), in Bengaluru, with support from National BioPharma Mission (NBM), BIRAC has set up a national facility to specifically address the commercialisation gaps faced by Microfluidics technologies and medical devices developers in their idea-to-market journey.

Inaugurated by Dr Renu Swarup, Secretary, Dept of Biotechnology and Dept of Science and Technology, Ministry of Science and Technology, Government of India, and Chairperson, BIRAC, the facility is a first-of-its-kind in India aimed at providing holistic design to pilot-scale production capabilities to entrepreneurs and innovators to enable faster product-to-market.

The facility is envisaged to provide design and prototyping support to medtech startups in developing low-cost, rapid and point-of-care medical device solutions with applicability in healthcare, both human and animal health. It is also geared to support serological diagnostic devices, which could be a huge boost for India’s budding COVID-19 molecular diagnostics sector.

The facility provides CAD design, flow simulation, prototyping, vacuum casting, injection moulding, lateral flow assay printing, and packaging in CLASS10000 cleanroom facilities. It is currently in the process of acquiring ISO 13485:2016 and ICMED 13485 certifications.