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US-based CELLINK to establish Centre of Excellence in India for 3D bioprinting

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The Centre will focus on advancing research on heart, bone, cartilage and cancer through the use of 3D bioprinting



CELLINK, the global leader in developing 3D bioprinters, and the Indian Institute of Science (IISc) are partnering to establish a Centre of Excellence (CoE) for 3D bioprinting in Bengaluru, India.

The CoE, the first of its kind in the subcontinent, will be housed in the Centre for BioSystems Science and Engineering (BSSE) at IISc, and will provide access to 3D bioprinting systems, enabling researchers to accelerate their work across critical applications, with the ultimate goal of improving health outcomes. An MoU was signed to formalise the collaboration last week.

The new CoE will house several state-of-the-art 3D bioprinters from CELLINK and will serve as a hub for several research initiatives and training activities related to this emerging and exciting technology.

Prof Govindan Rangarajan, Director, IISc, stated, “The CoE will contribute towards exploring new pathways in 3D bioprinting research and technology development. This would also align very well with the new initiative that we have launched to establish a post graduate medical school at IISc."

IISc and CELLINK will work together to conduct workshops aimed at providing researchers within the institute, and elsewhere, the skills necessary to utilise 3D bioprinting in their work and reap the benefits of 3D cell culture. In addition to this, the two will undertake and advise on research projects across multiple applications spanning the fields of tissue engineering, drug discovery, material science and regenerative/personalised medicine. The Centre will have a keen focus on work around the heart, bone, cartilage and cancer.