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DBT to establish inter-institutional biodesign centres

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To implement projects aimed at producing medical technology innovators and indigenous healthcare technologies



Department of Biotechnology (DBT), Government of India, is announcing grant funding to establish biodesign centers in the country to implement projects aimed at producing medical technology innovators and indigenous healthcare technologies.

This call addresses Indian medical schools, technical institutes, research/academic institutes with a proven track record on biomedical research.

In addition, it is desirable to have industry linkages, partnerships with State governments/ Health or Rural Missions for deployment of products towards public health and international collaborations for attracting exchange of fellows.

DBT has established four biodesign centers to promote medical technology innovation in the country.

• School of international biodesign (SIB) at AIIMS & IIT Delhi, New Delhi - SIB is a biomedical technology innovation programme initiated as Stanford India Biodesign programme to train next generation of medical technology innovators. It was jointly established at AIIMS, New Delhi and IIT Delhi.

• Healthcare Technology Innovation Center (HTIC) at IIT Madras Research Park: HTIC was initiated to design devices and deploy products into public-health and patient care systems by engineers at IIT Madras for the clinical needs identified by clinicians.

• DBT's 'Bioengineering and Biodesign Initiative' at IISc Bangalore was established for undertaking R&D in the interdisciplinary domain in collaboration with medical schools.

• The Center for Biodesign, THSTI, Faridabad was established as a niche center with the mission to undertake innovation and translational research in medical technologies with bio-design process.

Based on the success in these programs, DBT intends to expand the program through this call.