Medical Cobotics Centre (MCC) collaboration

* iHub Anubhuti-IIITD Foundation in collaboration with I-Hub Foundation for Cobotics (IHFC) signed MoU for setting up of Medical Cobotics Centre (MCC) on 17th November 2021.
* The two TiHs have conjoined their objectives for growth, research and development in arena of Medical field to align the same with AI and Robotics.
* MCC would be a multipurpose facility for enhancing R&D in Medical Simulators, Digital Health and Healthcare Robotics.
* iHub to club all the Health Projects under MCC.
* IHFC focusing on Cobotics equipment while iHub focusing on Digital equipments such as 3D Printers and VR equipments such as Anatomage table which can be used in for training student doctors for surgeries.
* MCC Advisory Committee and Purchase Committee formed

Sanctioned projects

* iHub Anubhuti encourage and promotes the entrepreneurship in the field of Cyber Physical Systems (CPS), establish a network of collaborators, skill development, along with Fundamental Research.
* It has 28 projects running under its flagship.
* The projects are focused on areas viz., Cognitive Computing, Social Sensing, Legal Information system, Healthcare, Education and sustainability.
* Some of the sanctioned projects are: HopOn Chatbot, Causal Interpretability using Directed Acyclic Graphs in Healthcare, Developing Efficient Machine Learning Models and optimized solutions for Edge Computing in Trafic Surveillance, User Friendly E-Learning, Risk Staging and Survival Prediction in Multiple Myeloma Blood Cancer, RealWorld Clinical Data Synthesis using Generative AI, Explainable artificial intelligence methods for time to event (survival) probabilistic models, Cheaply deployable and accurate semantic segmentation models for medical images, Applications of Explainable AI in Computer-Aided Diagnosis, CHARTR, Intelligent and Reconfigurable Joint Radar-Communication Transceiver for Fast Vehicular Sensing and Coordination, Project Vidhaan (Legal Text Processing), LevelsAI, Political bias in Hate-speech classification, TrueSides: A ‘cross-biased’ social media platform for news, NadiPariksha, Explainable Taxonomical-Multi-label Classification of (Mis)information, and Machine Learning and Network Analysis of a bus-based transportation.
* The projects for funding were selected from various esteemed Institutes like IIITD, Ashoka University, PGI, NIT Kurukshetra, IIT Patna, IIIT Hyderabad and IIT Kanpur.

BIRAC

* iHub Anubhuti partnered with BIRAC to support start ups and entrepreneurs under “Amrit Grand Challenge –JanCARE”. Some of the other partners are NAASCOM, IKP Knowledge Park, India Health fund. MeitY, GE Healthcare, AWS, etc.
* The Program structure shall allow identification of 75 awardees under 3 Categories:

i. 60 early-stage Innovations for INR 10 Lakhs award

ii. 13 Late-stage innovations for INR 20 Lakhs award

iii. 2 Advanced stage innovations for INR 50 lakhs award

* iHub is partnering in this program by participating through access to incubator expertise, network and co-funding of INR 2 Cr.
* Legally vetted MoU has been exchanged with BIRAC for implementation of the Innovation Challenge.
* Call announced on - 26th Jan 2022. Applications last submission date extended from 31st March to 11th April 2022. The Selection results are expected to be announced by 15th Aug 2022.
* 116 applications submitted and 512 under submission as of 31st March 2022.