Aster CMI Hospital and IISc open Artificial Intelligence lab

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Established to conduct research and upskill healthcare professionals on AI

In keeping with its commitment to bring quality healthcare using the latest medical technology, Aster CMI Hospital in association with the Indian Institute of Science (IISc) in Bengaluru has launched an Artificial Intelligence (AI) lab.

The Aster-AI lab is a collaborative lab, set up with the aim to build cutting edge AI products in the healthcare domain and bridge the gap between clinical medicine and technology by training healthcare professionals in AI. Dr. Azad Moopen, Founder Chairman and Managing Director, Aster DM Healthcare, Dr. Lokesh B, Consultant Neurology, Aster CMI Hospital and Dr. Phaneendra K Yalavarthy, Professor of Medical Imaging, Department of Computational and Data Sciences, IISc were present during the launch.

Dr Yalavarthy has been instrumental in setting up the lab by providing the computational infrastructure and expertise. IISc, with its expertise in the development of AI methods, has become the natural collaborator with Aster CMI, which has the clinical expertise, to aide, translate, and validate the developed AI algorithms for clinical use.

Aster CMI will be working with Dr Yalavarthy and his team on 'Development of Deep Learning Methods for Automated Tracking and Segmentation of Nerves in Ultrasound Images'. Dr. Sriram Ganapathy, Associate Professor, Department of Electrical Engineering, IISc has been collaborating on 'Automatic Acute Stroke Symptom Detection Using Mobile Health Technologies' and also on audio analytics in neurological disorders. These initial projects have a direct impact on the current clinical practise in neurosciences. The problem-solving requires deep technical and clinical knowledge, which the Aster-AI lab aims to bring together.