

**AICTE Sponsored Online Faculty Development Program on FDP on Advancements of Digital Health and Medical Innovations during Pandemic  
(December 6<sup>th</sup> to 10<sup>th</sup> 2021)**

**Department of Biomedical Engineering, Govt. Model Engineering College Kochi**

Day	9:30-11:00 am	11:30 am-1:00 pm	2:00 -3:30 pm
06-12-21	Inaugural session Keynote address: <b><i>“Digital Disruption and the new trends: The future of healthcare”</i></b>  <b>Dr. Uma Nambiar</b> Co-Founder and Chairperson of DHIA (Digital Health India Association) Executive Director Gimcare Hospital, Kannur, Kerala	<b><i>“Emerging Breathing Assist Systems”</i></b>  <b>Mr Sarath S. Nair</b> Engineer E SCTIMST, Trivandrum	<b><i>“Building Mobile Robots”</i></b>  <b>Sunil Paul</b> Director Christ Center for Innovation and Open Learning Christ College of Engineering
07-12-21	<b><i>“Computer Simulations to expediate our understanding of COVID-19”</i></b>  <b>Dr Soumya Lipsa Rath</b> Department of Biotechnology, National Institute of Technology (NITW), Warangal	<b><i>“Medical AI Chatbots”</i></b>  <b>Subhashini Lakshmi Narayanan</b> AI Lead Accenture	<b><i>“Automated lung ultrasound for Covid19 and beyond”</i></b>  <b>Dr Mahesh Panicker</b> Assistant Professor Department of Electrical Engineering IIT Palakkad
08-12-21	<b><i>“Technical aspects and functionalities of Block track ”</i></b>  <b>Prof Prabhu Rajagopal</b> Professor Department Of Mechanical Engineering , IIT Madras	<b><i>“Covid-19 fast track projects: Lab to market transitions”</i></b>  <b>Mr Subhash N N</b> Engineer C SCTIMST, Trivandrum	<b><i>“Health Design Thinking: An Innovative Approach in Public Health to Defining Problems and Finding Solutions”</i></b>  <b>Jibin Jose</b> Dept. Biomedical Engg, Sahrdaya College of Engg and technology, Thrissur
09-12-21	<b><i>“Advances in digital technology in critical care devices”</i></b>  <b>Sunny Matson</b> Director & SW COE Leader for Maternal Infant Care(MIC) GE Healthcare	<b><i>“Computer-Aided Drug Discovery against COVID-19”</i></b>  <b>Prof. Parimal Kar</b> Assistant Professor Department of Biosciences & Biomedical Engineering, IIT Indore	<b><i>“Volumetric Analysis of MRI images from machine to clinician”</i></b>  <b>Rajesh Kumar Purushottam</b> Co-founder & CEO at In-Med Prognostics (HealthTech Start-up in the AI & Deep Learning space for Medical Imaging)
10-12-21	<b><i>“AI &amp; IoT : Transforming Healthcare Operations”</i></b>  <b>Saurav Daga</b> Siemens Healthcare Pvt. Ltd.	<b><i>“Overcome Stress from Yoga”</i></b>  <b>Amala Radhesh</b> NuYoga Wellness	Feedback Quiz Valedictory function

**TEA BREAK**

**LUNCH BREAK**