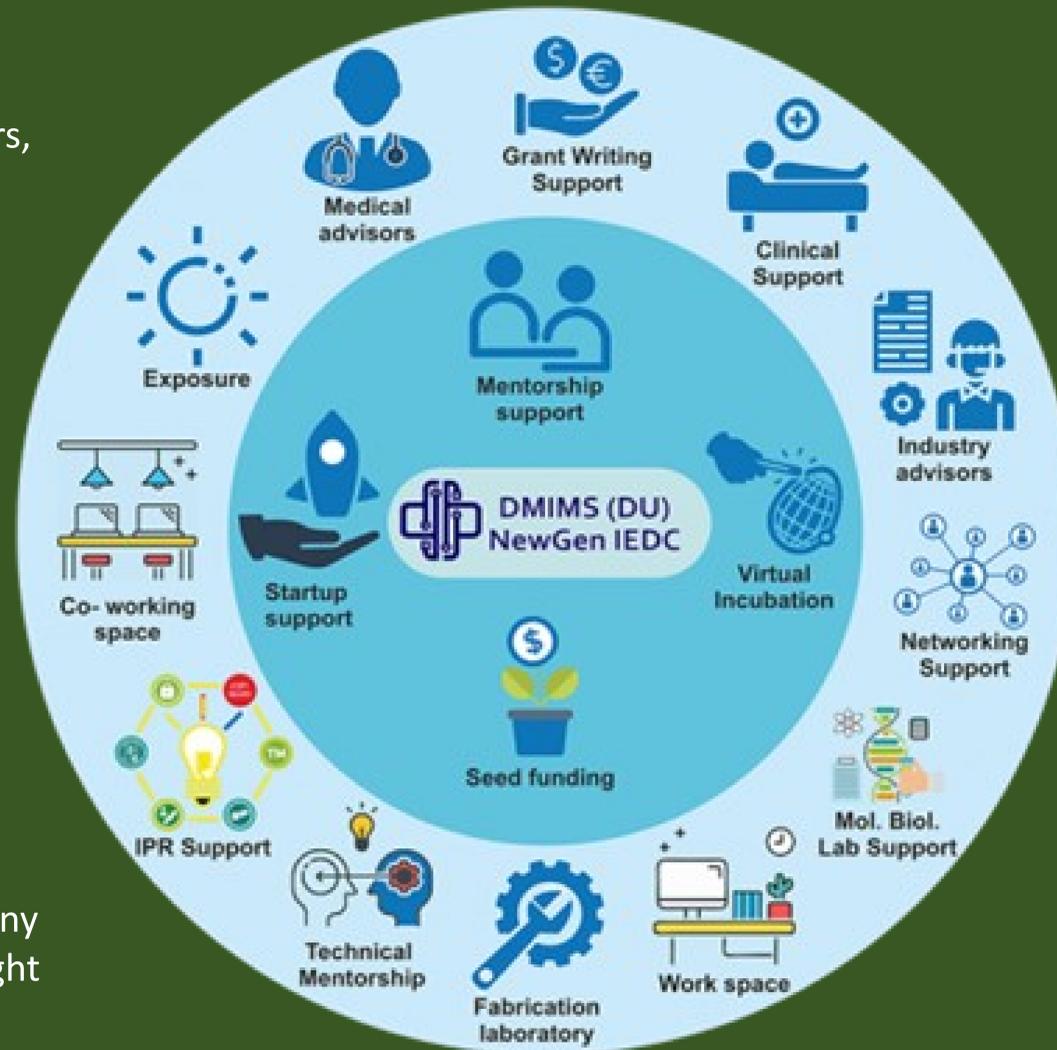


Translatory Research: Bench to Bedside

Datta Meghe Institute of Higher Education and Research (DMIHER) strives to amalgamate medical science with the technocrat from the inception of the project and orchestrate its translation to end users. The vision of their Bio-Innovation centre is to facilitate the innovators, researchers, and students to translate their ideas into innovation and help them to transfer their innovation from bench to bedside in accordance to all the regulatory procedures. This ecosystem has been instrumental in establishing strong collaboration with eminent institutes like IIT Bombay, IIT Kharagpur, IISc Bengaluru, VNIT Nagpur, IIT Kanpur, IIPH Gandhinagar, AIIMS Jodhpur, Texas A&M, USA and so on.

The present talk will give more insights into the innovation in the field of bone tissue engineering, osteochondral scaffold development, prosthesis design by using 3D scanning and 3D printing, indigenous cranial flap fabrication, smart neonatal incubator, porous metallic implant and its application, ET tube blockage. identification and many other products. The presentation will also give an insight of the facility, industrial collaboration, and capacity-building workshop organised through India's first Center of Excellence for Indian Biomedical Skill Council, and regulatory assistance provided by our center during the journey of product innovation.



Dr. Punit Fulzele, is the Vice Dean IPR, Deputy Director of Research & Development, and Professor, Dept. of Pedodontics, SPDC, Convener, BETiC Innovation Cell, DMIHER Innovation Council, IPR cell, Vice President, Institute Innovation Council at the Datta Meghe Institute of Higher Education & Research (Deemed to be University). He is also one of the founder Directors of ITE RESEARCH FOUNDATION, a section 8 Company. Dr. Fulzele completed his BDS in 2007 from Sharad Pawar Dental College in India, and his specialization/masters in "Paediatric & Preventive Dentistry" in 2012. He was awarded the M.Phil. in "Health Professionals Education" in 2017 and is currently pursuing a Ph.D.

Dr. Ashutosh Bagde is a Med-tech formulator. He has proficient skills in the medical device innovation process, 3D printing, 3D bio-printing, and Material application, especially in a medical scenario, with hands-on experience in tissue regeneration. He has completed his Ph.D. dissertation on "3D printed scaffold for drug delivery and bone tissue regeneration." from Visvesvaraya National Institute of Technology, Nagpur.



Scan for details

10 March 2023 at 4 p.m. (Online)
YouTube Live Link: <https://tinyurl.com/ASETColloquium>



Dr. Punit Fulzele



Dr. Ashutosh Bagde