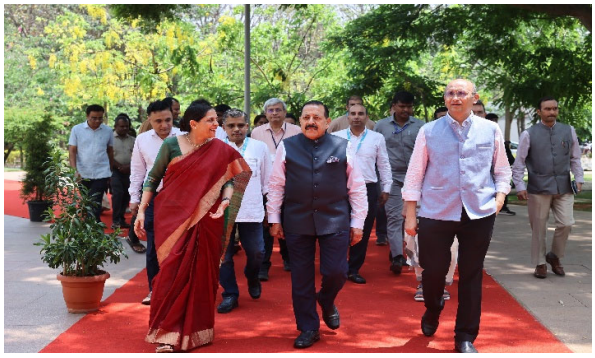
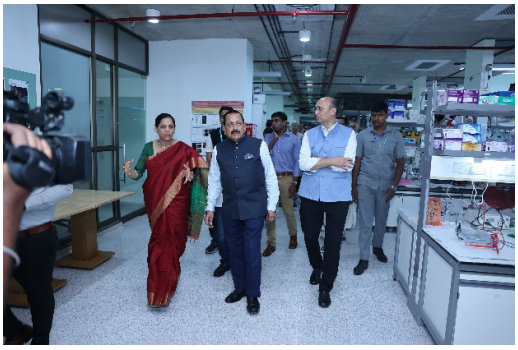
PRESS RELEASE

HON'BLE UNION MINISTER OF STATE (I/C) FOR SCIENCE AND TECHNOLOGY, DR. JITENDRA SINGH VISITED iBRIC-inStem, BENGALURU AND REVIEWED PIONEERING INITIATIVES

iBRIC-Institute for Stem Cell Science and Regenerative Medicine (inStem), Bengaluru, is pleased to announce that the Hon'ble Union Minister of State for Science and Technology (I/C), Dr. Jitendra Singh, visited BRIC-inStem on the 24th April 2025. Established in 2009, BRIC-inStem is the first national research institute dedicated to studying stem cells and regenerative medicine, emphasising translating scientific research into technologies that serve society.

Hon'ble Minister reviewed two key national initiatives to advance the Institute's research capabilities that will benefit the biotechnology R&D sector in India. These initiatives align with the recently announced BioE3 (Biotechnology for Economy, Environment, and Employment) Policy, approved by the Union Cabinet on August 24, 2024, to foster high-performance biomanufacturing in India.

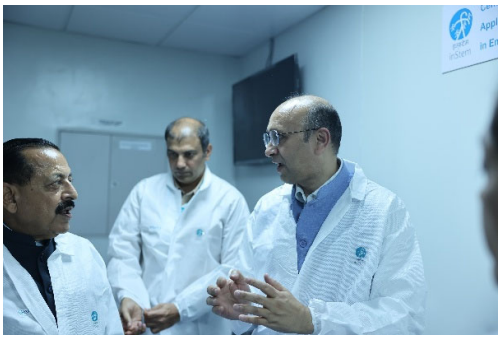
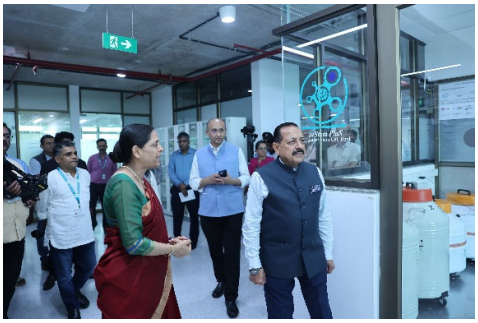
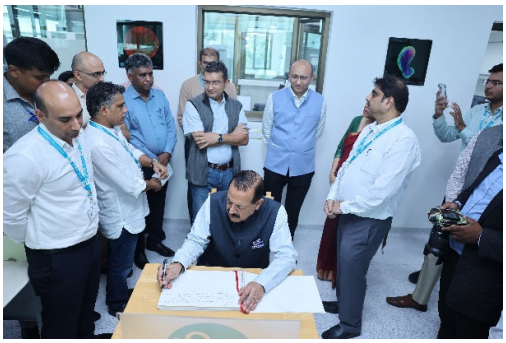




1. **C**entre for **Re**search, **A**pplication and **T**raining in **E**mbryology (CReATE):

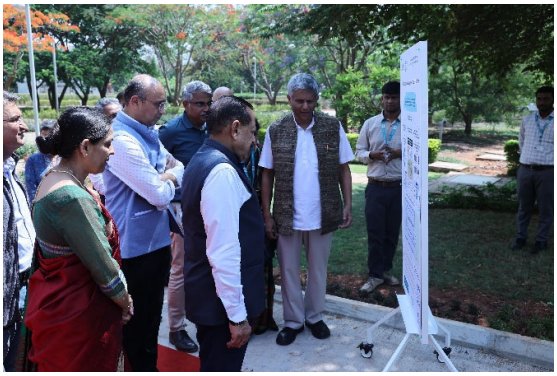
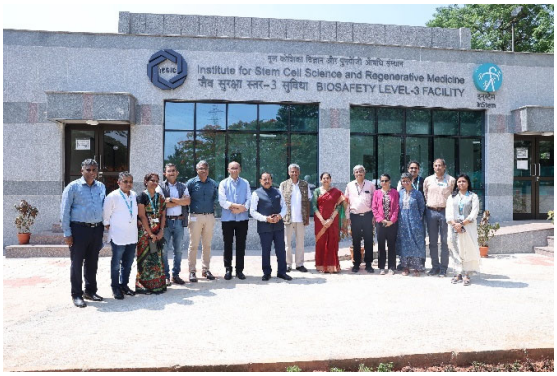
   CReATE, hosted at iBRIC-inStem, aims to provide a platform that advances our understanding of embryology and early human development. The innovative studies conducted here will provide insights into developmental disorders and congenital anomalies. These findings will have applications in technology development and designing new therapeutic interventions. The Centre will also provide training and facilitate collaborations. To support activities of the Centre, inStem has established the inStem Pluripotent Stem cell Biobank initiative, aimed to create a repository of high-quality pluripotent stem cells ethically sourced from diverse Indian populations.

Stringent quality control guidelines and ethical standards have been given the utmost importance. The advanced infrastructure and trained researchers at inStem Pluripotent Stem cell Biobank will support research and open avenues for global engagement, commercialisation, and enhanced stem cell capabilities.

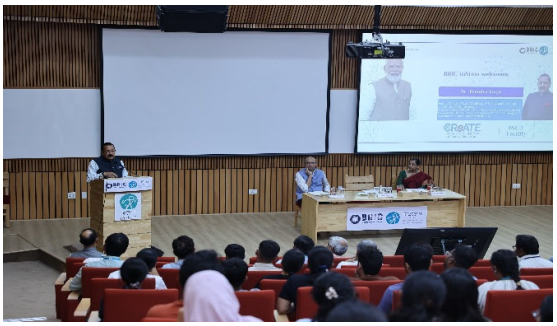

2. Biosafety Level-3 (BSL-3) Facility

Built as part of the National One Health Mission, this state-of-the-art facility will play a key role in India's preparedness for future pandemics and epidemics. Located within the BRIC-inStem campus, it will allow expert personnel to handle high-risk pathogens in a secure environment. Designed to meet world-class biosafety standards, it has advanced equipment to support cutting-edge research and provide rapid, accurate diagnostics for infectious diseases. The facility is also envisioned to develop animal infection models for research into vaccines, antimicrobials, and antivirals.

The Hon'ble Minister was accompanied by Prof. Rajesh Gokhale, Secretary, Department of Biotechnology (DBT), Ministry of Science and Technology, Govt. of India, Senior officials from DBT, Prof. Maneesha S. Inamdar, Director of BRIC-inStem and other distinguished scientists and academicians.

The Hon'ble Minister while delivering the lecture emphasized that initiatives and highlighted the importance and values of the CReATE centre. He emphasized the importance of stem cells and explained how this area will change the future of health care. After reviewing the facilities and work at inStem, Hon'ble Minister recommended that joint Ph.D and other training programs between clinicians and inStem should be developed. He said that, as there is "Continuing Medical Education" (CME) for clinicians, there should be "Continuing Stem Cell Education". Hon'ble Minister gave the example of London School of Economics (LSE) where programs incorporating stem cells and regenerative medicine in Economics have been initiated. He congratulated inStem Scientists and leadership for embarking on this journey and called for greater visibility for inStem.



Date: 24 April 2025

Venue: iBRIC-inStem, GKVK – Post, Bellary Road, Bengaluru-560065, Karnataka, India

For further information and media queries, please contact:
Coordinator, Communications Office, inStem
Email: commsoffice@instem.res.in
Phone: +91 080 6194 8234