



BITS BioCyTiH Foundation

BioCyTiH **A**dvanced **S**tartup **E**quity (**BASE**) Program

Cohort 7

(Program Document)

1. Background

About BITS BioCyTiH Foundation

BITS BioCyTiH Foundation is a Section 8 company incorporated by Birla Institute of Technology and Science (BITS) Pilani and funded under NM-ICPS program of DST, Government of India. It is a Technology Innovation Hub (TIH) focused on “**Bio-Cyber Physical Systems (Bio-CPS)**”.

The BITS BioCyTiH Foundation's vision is “To foster research, innovation, skill development and training through mentoring and nurturing startups and entrepreneurs, and industry & academia collaborations to undertake cutting edge research and provide affordable solutions in the areas of healthcare, agriculture, water and environment”. The Foundation is spread across the three campuses of BITS Pilani (**Pilani, Goa, and Hyderabad**) (<https://www.biocytiH.co.in/>)

About Bio-CPS

Bio-Cyber Physical Systems (Bio-CPS) is an interdisciplinary field that synergistically combines principles from biology, chemistry, electronics, computer science, and related disciplines to offer transformative solutions. Employing a diverse array of cutting-edge technologies like Sensors, IoT, ML, AI, AR, VR, etc.

2. BASE program.

The BITS BioCyTiH Foundation has launched the **BASE Program** as a part of entrepreneurship development vertical. BASE offers support to startups and MSME with products that are ready for market launch or have recently entered the market phase. Its main objective is to address the short-term cash flow requirements of these startups as they focus on Bio-Cyber Physical Systems (Bio-CPS)

and tackle crucial technical and financial challenges in the healthcare, agriculture, and environmental sectors.

These areas supported under BASE program:

1. Medtech and wearable Devices
2. CPS related security solutions
3. Sensor platforms
4. Robotics and automated systems
5. AI/ Quantum technologies in Healthcare etc
6. Technologies for sustainability
7. Precision agriculture

3. Eligibility

3.1. Legal Eligibility

The applicant should meet the following criteria:

- a) The applicant must be an Indian startup or MSME registered under the Indian companies Act of 2013.
- b) The company must have a minimum of 51% of its shares held by Indian Citizens who possess an Indian passport. Note that Person of Indian Origin (PIO) and Overseas Citizenship of India (OCI) holders are not considered Indian Citizens in this context.

3.2 Technical Eligibility: the proposal should meet the following technical criteria:

- a) Alignment with Specified Areas.
- b) The product should be ready for market launch or at an early market phase.
- c) Frozen Design for Manufacturing (DFM).
- d) Established Manufacturing Lines.
- e) Extensive Validation Data in real user settings.
- f) Regulatory Approvals.
- g)

4. Investment support

- a) **Budget:** Investment support up to ₹ 75.00 Lakhs that will be provided in two or three tranches, tailored to meet the individual requirements and milestones of each startup.
 - b) **Investment mode:** The investment will be in the form of equity.
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5. Proposal Submission Guidelines

- a) Applications are accepted through the link shared in google form.
- b) Applications will be reviewed and applicants will be updated in 2 weeks.

6. Provide following documents along with application:

- a) Certificate of Incorporation
- b) MOA and AOA of the company
- c) Details of the in-house facility
- d) Funding details received to date.
- e) Business plan of the startup
- f) Additional background information, product technology, and data with justifications for eligibility.

7. Application timelines:

Application link: [click here](#)

Application deadline: Rolling call for application (with deadline: bi-weekly)

8. Contact Details: For any query please contact:

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BITS BioCytih Foundation

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