

I-Hub Foundation for Cobotics (IHFC), TIH IIT Delhi

Call for Joint Industry-Academia Proposals: Commercialization of TRL 4-9 Products/Prototypes

Date of Announcement: January 30, 2025

Deadline for Submitting Proposals: February 15, 2025 till 10 p.m.

I-Hub Foundation for Cobotics (IHFC) at IIT-Delhi was established as a Technology Innovation Hub (TIH) in March 2020 under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS), DST, Govt. of India. IHFC's vision and mission revolve around translating cutting-edge research into state-of-the-art technology products and services in the field of collaborative robotics (cobotics). We aim to foster innovation, promote entrepreneurship, and drive socio-economic impact through the deployment of advanced technologies.

By collaborating with IHFC, patent holders will gain access to our extensive network, technical support, funding opportunities, and guidance, mentoring to spur their patented technologies for commercialization and deploy advanced solutions that address real-world challenges.

A. Proposal:

I-Hub Foundation for Cobotics (IHFC), invites **technologies/products/services with Technology Readiness Level, $TRL \geq 4$, and patents (Filed/Published/Granted) with commercial potential in the domains of hardware robotics/cobotics in the following focus areas.**

1. Drone Applications
2. Intelligent Sensing and Secure Communications
3. Healthcare Robotics
4. Rehabilitation Robotics
5. Agrobotics
6. Assistive Robotics
7. Industry Robotics
8. Autonomous mobile robots & vehicles
9. Diagnostic imaging robotics
10. Nanorobotics

B. Eligibility and Guidelines:

- Faculties, researchers, scientists, technologists, entrepreneurs, startups, or R&D institutions with **technologies/products/services with Technology Readiness Level, $TRL \geq 4$, and patents (Filed/Published/Granted) with commercial potential** in the above-mentioned domains are eligible to submit their joint proposal along with their industry/startup/MSME partner. The technologies must demonstrate commercial potential and align with the specified focus areas.



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- If you own multiple patents, whether filed, published, or granted, and wish to commercialize or do a tech transfer of the patents to third parties, please submit your proposal for each one individually.

C. Investment & Key Criteria for Participation:

- **Funding Amount:** IHFC will invest up to **INR 2 Crore** for the approved submission in pursuit of its commercialization.
- **Eligibility:** Joint proposal on the above-mentioned domains for the technologies/product/prototypes at TRL 4 or above, partnered with a startup, MSME, or industry
- **Partner Requirements:** The startup, MSME, or industry partner must have a proven business track record, generating revenue over the past three years
- **Proposal Requirements:** Clear roles, responsibilities, and relevance of the joint proposal from each entity

D. Submission and Evaluation:

- Submissions should include a detailed description of the technology, highlighting its novelty, commercialization potential, market analysis, and any relevant supporting documentation. Please use the provided [format](#) and **submit your entry via the Google Form [link here](#)**.
- Proposal submissions must be made by **January 31, 2025**, using the Google form as provided on Link, as above. A brief video (lasting 1-3 minutes) highlighting novelties, key features, and functionalities of your technology/product/prototypes is requested to be submitted along with the proposal.
- For any further information, please contact: cfprnd@ihfc.co.in
- All submitted proposals will undergo a comprehensive evaluation process by a panel of experts with domain-specific knowledge. **Evaluation criteria include technological innovation, commercialization potential, societal impact, technical feasibility, and alignment with the focus areas.**
- Patents with technology transfer to third parties, which however failed commercialization earlier, can also be considered under the present call.
- **Financial and Technical contributions from the partnering organizations startup/ MSME/ Industry should be clearly defined.**
- Shortlisted proposals will be invited to present to the evaluation panel for further assessment and clarification. The selected proposals will receive support from IHFC, including funding, technical assistance, mentorship, and access to our extensive ecosystem, to facilitate commercialization and implementation of their patented technologies.
- It would be beneficial if the proposal is submitted with the support of a video, explaining the technology novelty and its application, and providing a comparison of how this will bring change from existing products available in the market.



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- Please note that the funding is for **product-oriented research** purposes and for taking the technology/prototype from **lab to market**.
- Researchers with a proven track record in patent-to-product concepts, and who have already completed Tech Transfer or commercialized their granted patents, will be preferred in this proposal.