

Call for Proposal

Establishment of Co-Innovation Centers **in** **Deep Tech Domains**

I-Hub Foundation for Cobotics
Indian Institute of Technology Hauz Khas, New Delhi-110 016
Phone No: 7042654553 | Email: contact@ihfc.co.in

Applicants are requested to review the Call for Proposal at <https://www.ihfc.co.in/important-announcements/>

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1. About Co-Innovation Centre

I-Hub Foundation for Cobotics (IHFC), Technology Innovation Hub (TIH) of IIT Delhi invites application for the establishment of Ten (10) Co-Innovation Centres (CiC). The CiC aims to promote entrepreneurship and startups in Deep Tech Domains (Robotics, AI, Machine Learning, IoT, etc).

IHFC invites proposals from aspiring academic institutions termed as Host Institutes (HI). Academic institutes of higher learning and research and development institutions across India are encouraged to apply. The establishment of the Co-Innovation Centers aims to support aspiring entrepreneurs and students to undertake new product development, research translation and build high potential startups/companies in Deep Tech Domains. This will inter-alia be achieved by the following objectives:

1. Promote entrepreneurship program through financial and technical support in creating an eco-system for deep tech start-ups.
2. Support incubation activities at academic institutes of higher learning and research and development institutions by establishing programs, process, and trainings.
3. Create a synergistic ecosystem for technology startups by identifying strengths and creating inter-linkages.

2. About IHFC

I-Hub Foundation for Cobotics (IHFC) is the Technology Innovation Hub (TIH) of IIT Delhi, established under the mandate of the Govt. of India through the Department of Science and Technology (Ministry of Science and Technology) under its NM-ICPS (National Mission on Interdisciplinary Cyber-Physical Systems) mission for promoting research and development, incubating, promoting individuals and start-ups, entrepreneurs, organizations and corporations individually or in collaboration with faculty and other parties for harnessing the new wave of technological innovation in India. It has been incorporated as a Section 8 company, registered under The Companies Act, 2013 having registered office at MZ-122 IIT Room No. Hauz Khas, Delhi, India 110016

3. Eligibility and Pre-Requisites

In the current call for proposal, IHFC aims to establish Ten (10) Co-Innovation Centers with the experience, criteria and accreditation mentioned in the following Table.

Table 1. Eligibility of Host Institutes

| No of Center (planned) | Ten (10) |
|------------------------|---|
| Experience | Public and private Institutes with 5 + years since establishment |
| Categories Eligible | Central University under the purview of the Department of Higher Education in the Ministry of Education State University Deemed to be University. |

| | |
|---------------|---|
| | State Private University accredited by UGC. AICTE Approved Engineering Institutes Institutes of National Importance |
| Accreditation | Accredited Institutions : NBA/NAAC/NIRF/ABET/QS |

The institutions keen on establishing Co-Innovation Centre must agree to meet the following pre-requisite:

- Must provide a built-up furnished space of 1500+ sq. ft to house the facility to be used towards start up and entrepreneurship activities; R&D activities and setting up of relevant labs
- Institute must appoint or nominate a Co-Innovation Mentor (CiM) to enable, facilitate bootcamps, immersion programs organized for Co-Innovation Center. Co-Innovation Mentor should be an existing faculty with more than 5-year in service / tenure with the institution.

4. Implementation

The participating institutions keen to host the Co-Innovation Centre must support the program by way adhering to the guidelines. The details of IHFC financial contribution and the institutions towards the establishment of Co-Innovation Centre are included in Table 2.

Table 2 Contribution of IHFC and Host Institute towards Co-Innovation Center

| | IHFC | Host Institute |
|---|--|---|
| Space | | 1500 + Sq Ft of Space to be used for Setup of Lab, Incubator Activities, Training and Capacity Building |
| Manpower | One Program Mentor | One Faculty Coordinator – Co-Innovation Mentor |
| Privilege | Access to dedicated seat for Co-Innovation Mentor at IHFC Office | |
| Funding (2-years) | Upto 25 Lacs per year for Incubation Support under READY Program + Rs 1 Lac (one time) for Co-Branding, Marketing Activities | |
| Funding for extended agreements (5-years) | Upto 25 Lacs per year for Incubation Support Under READY Program + Rs 2 Lac (one-time) for Co-Branding, Marketing | |
| Infrastructure | | Co-Working Space, Maker Space |
| Access to Students | | Access to final year and graduated students for IHFC READY Program for the period of Support 2 year / 5 year) |
| Review | Six Monthly Review and Feedback | Six Monthly Review and Feedback |

5. Selection Process

How to Apply

Interested institutes meeting the criteria and contributions mentioned in Table 1 and 2 should submit the valid documents to substantiate the qualification criteria mentioned in this section.

1. Institute establishment and accreditation record.
2. Formats for submissions (Refer Appendix B)
3. Proof demonstrating the effectiveness and success of the program.

The selection criteria would include:

- a. The quality and alignment of education and research,
- b. Infrastructure, facilities, and expertise,
- c. Initiatives for research translation, technology and entrepreneurship development;
- d. Commitment and willingness of the Institute for supporting this activity.

An expert committee set-by the IHFC shall scrutinize and evaluate the received proposals and recommend to the IHFC for appropriate financial support. The committee or designated subcommittee/individual may also conduct a site visit to assess the institute. For detailed criteria please refer to Appendix – A. The selection of the institute for the establishment of Co-Innovation Center will be at the discretion of IHFC.

6. Schedule CFP Opening and Timelines

Table 3. Scheduled and Timeline

| | |
|-------------------------------------|---|
| CFP Version | Version 0 / IHFC/CFP/01/042024 |
| Call For Proposal Announcement | April 2 2024 |
| Announcement Date | April 3 2024 |
| Closing Date | May 3 2024 |
| Duration of CFP Application | 30 Days |
| Address for Communication | I-Hub Foundation for Cobotics, 2 nd Floor, R&I Park, IIT Delhi, Hauz Khas, New Delhi 110016, India |
| Contact No. | (91)- 7042654553 |
| EOI offer availability for download | www.ihfc.co.in |
| Email Address | contact@ihfc.co.in |

Note:

Interested Institutes are advised to seek clarifications over the email at <contact@ihfc.co.in> within three (3) days after issuance of the Invitation for EOI with subject line “Co-Innovation Center in Deep Tech”

All questions received will be clarified over email or in an online meeting with the Institutes.

All valid questions received, and their responses will become part of the Invitation for the Call for Proposal document.

After reviewing all the responses, shortlisted institutes will be contacted within 3 weeks of the closure of the Call for Proposals.

7. Contact Details

Head – Campus Innovation Programs (IHFC)

Email: contact@ihfc.co.in

Web link: www.ihfc.co.in

1. All queries should be sent by email only
2. University/Institute to mention the contact details of its representative/s
3. All questions received will be clarified over email or in an online meeting

8. Terms and Conditions

1. Indian Institutions should be compliant with the prescribed norms of the Government of India
2. This CFP is being issued with no financial commitment, and IHFC reserves the right to change any part thereof at any stage
3. IHFC reserves the right to withdraw the CFP, should it become necessary at any stage, without assigning the reasons whatsoever
4. Institutions is required to furnish the complete details for both technical as well as commercial aspects
5. Incomplete, ambiguous or conditional submissions are liable to be rejected

9. Appendix – A

Table 2 Selection Criteria for Host Institute

| S. No | Criteria | Scored Points |
|-------|--|---------------|
| 1 | Existing engineering branches for example Mechanical, Electrical and Electronics, Instrumentation, Computer Science and Engineering, Artificial Intelligence, Robotics and Automation, Mechatronics. | |
| 2 | Existing Entrepreneurship and Innovation Programs | |
| 3 | Co-Innovation Manager | |
| 4 | Provision of Internship in final year (6 Month) | |
| 5 | NBA/NAAC/NIRF/ABET/QS Ranking | |
| 6 | Institute Dedicated Space for Co-Innovation Center (Quality and Infrastructure available) | |
| 7 | Successful Startup History | |
| 8 | *Institute Visit (Expert Panel Evaluation) | |

*Institute Visit applicable only for qualifying universities/institutes above cutoff basis criteria 1 – 7

10. Appendix – B-1

Formats and Documents to be Submitted.

To,

Head – Campus Innovation Program
I-Hub Foundation for Cobotics
TIH of IIT Delhi
IIT, Hauz Khas
New Delhi - 110016

Sub: Submission of Documents for consideration for the establishment of Co-Innovation Center

In line with the Call for Proposal published on _____, 2024 for the above purpose, we hereby express our interest to participate in the same. As instructed, we are submitting the following information and document as our response:

| S. No | Required Information | Submitted (Yes/No) |
|-------|--|--------------------|
| 1 | Name of the Institute | |
| 2 | Proof of Establishment | |
| 3 | Year of Establishment | |
| 4 | Accreditation (UGC/AICTE/NAAC/NBA/NIRF/QS/ABET) | |
| 5 | Profile and CV of Co-Innovation Manager | |
| 7 | Compliance of CFP Document | |

Authorized signatory on behalf of the institution.

Name:

Company:

Signature:

Stamp and Date

Note : This is to be furnished on the institution letterhead.

Appendix B - 2
Supporting Document

Table B1. Institution Details

| Institution Details | | |
|---------------------|--|--|
| S. No | Required Information | |
| 1 | Name of the Institute | |
| 2 | Year of Establishment | |
| 3 | Statutory Document in support of Establishment | |
| 4 | Accreditation (UGC/AICTE/NAAC/NBA/NIRF/QS/ABET) | |
| | | |

Table B2. Profile of Co-Innovation Manager proposed to lead the Centre

| Co-Innovation Manager | | |
|------------------------------------|--|--|
| Name | | |
| Designation | | |
| Domain / Branch | | |
| Experience (Years) | | |
| Relevant Experience Description | | |

Note: This is to be furnished on the Institution letterhead

11. Appendix – C

Research Entrepreneurship and Development for Youth (READY) Program /Pre-Seed Incubation / Entrepreneurs in Residence (EiR) Program

C.1 Research Entrepreneurship and Development for Youth (READY) Program

IHFC Research Entrepreneurship and Development for Youth (READY) Program is a pre-seed incubation program. READY aims to support aspiring candidates who are inclined towards new product development, entrepreneurship, research and development in Deep Tech Domains including Robotics, AI, ML, IoT, communication, etc. The program is open for graduate students who have a passion and a strong bent towards strong integration of technology and innovation at its core.

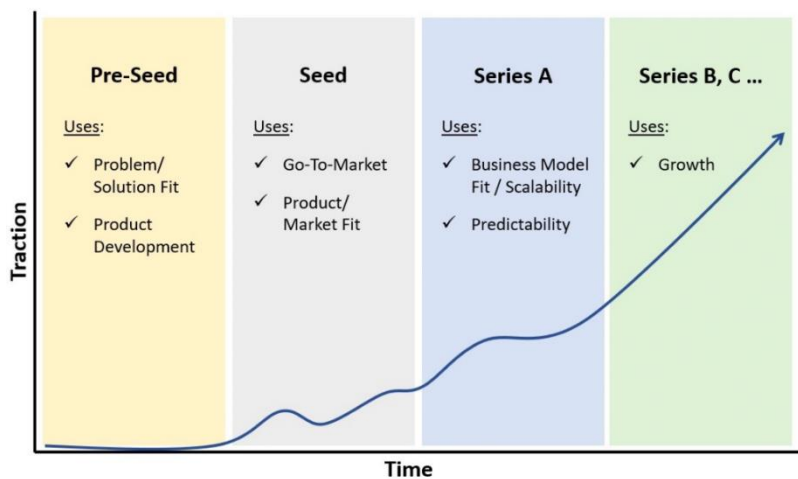


Figure C.1 – Stages of Startup (From Pre-seed to Series C)

Successful READY trainees can incubate in IHFC with financial support and mentoring. Eligible READY entrepreneurs get access to an immersion program and interaction mode, to support their journey. A Typical READY Program journey* incorporates engineering project to a commercially viable product. Research, Entrepreneurship and Development for Youth is a Six (6) month Pre-Seed Incubation Program for high potential Ideas in deep tech domain. Upon evaluation select Ideas would be eligible for grant, for the development of product, mentoring by academic and industry experts, and support with IP and product commercialization.

Objective

1. Foster entrepreneurial and innovation mindset in graduates.
2. Empower graduates with attributes to succeed as entrepreneurs via product development.
3. Incubate high-potential ideas and product-based startup.

C.2 READY Program Selection Process

READY Program accepts applications around the year, Interviews are scheduled in a bi-annual cycle in April – May and Oct – Nov.

Screening Process:

1. Candidates are shortlisted based upon the Percentage %/CGPA achieved during their graduation and post-graduation
2. Weightage is given to their industry and research projects undertaken during their graduation and post-graduation
3. Project proposal for this duration which should include the cost of building hardware/software/prototype, personal expenditure (including stipend per month)
4. Shortlisted candidates would be called for a personal interview/evaluation

Selection Criteria: Personal Interview by panel of experts appointed by IHFC.

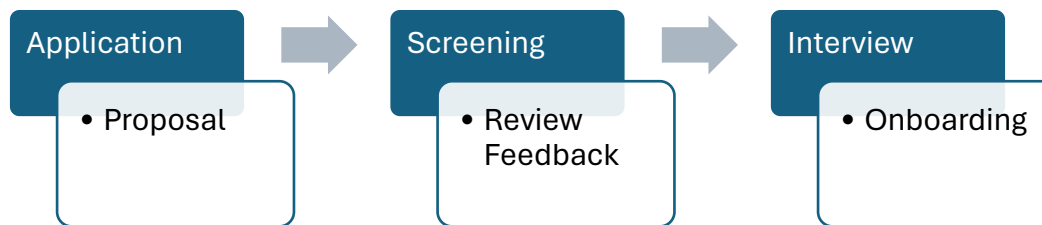


Figure C.1 READY Program Selection Process

C.3 Stipend

Selected READY program trainee, intern under the Co-Innovation are eligible for a monthly stipend as per their classification mentioned in the following table.

Table C.1 Stipend

| Classification | Stipend |
|----------------------------------|-----------|
| Final Year Students (7 to 8 Sem) | Upto 12 K |
| Graduate / Pass out in 2023-24 | Upto 25 K |
| Graduate / Pass out in 2022-23 | |

C.4 READY Program Journey

IHFC READY program has supported many young and early-stage entrepreneurs from Indian colleges and institutions. As part of the support, READY interns has successfully completed the program and demonstrated the following outcomes.

The following section presents typical READY Program journey which range from

A) Product to Startup



B) Intellectual Property Development

READY Program Product Journeys (Product Commercialization)



START YOUR ENTREPRENEURSHIP JOURNEY WITH



IHFC READY is a Six (6) month Pre-Seed Incubation Program for Hi-Potential Ideas in Robotics, AI, Drone, Autonomous Systems and Deep Tech Domains



Research and entrepreneurial opportunity for graduates in IHFC's READY program



Accelerate your ideas and innovation



Enable successful startup in robotics, AI and deep tech domain



Financial support for high potential startup



Access to mentoring from IHFC



IHFC READY Program Alumni



Shrikishna S - Founder - SeAnmaal Tech



Tufail A - MS KIT Japan



Shashank D Research Asst. Unit. of Bonn



Sripaad M IHFC READY



Rohan Maan MS Uni. Of Maryland



Mahshida H - Project Scientist - IIT Delhi



Jay Patil IHFC READY



ELIGIBILITY

Graduates / Final Year 2022/2023/2024-25

SELECTION PROCESS:

Proposal Submission -> Review and Feedback -> Interview

IHFC READY LOOKING FOR THE NEXT BIG IDEA!

APPLY NOW



ihfc.th



IHFC (TIH of IIT Delhi)



ihfc.th

www.ihfc.co.in/ready-program/

Figure C.3 – READY Program Flyer for the cohort starting May 2024, Application deadline 15th April 2024