	Details of Call for Proposals
Title of Call for Proposal (CFP)	Israel – India (I4F) Strategic Call for Proposals 2024 Topic: Biological, Physical & Human Integration with Autonomous Systems
Date the CFP is launched	**07.10.2024**
Deadline for submission	Full submission: 24.02.2025 by – 12:00 Israel time \ 15:30 India Time
Designated Audience	Stakeholders from the industry and academy focus on the technological interface and integration between cyberspace and the physical sphere.
Participating Agencies [please include logo in JPEG/PNG format)	I4F Israel Innovation Authority DST\TDB India
Program Summary	The India-Israel Foundation for Research and Development (I4F) opts to support a leading and disruptive R&D project related to Biological, Physical & Human Integration with Autonomous Systems! I4F promotes and supports technological cooperation projects between Israeli companies and Indian companies. The fund has four programs: a feasibility test, R&D, Pilot, and strategic program track. Unlike the other programs of I4F, the Strategic Program is the only one whose topic is jointly chosen yearly by the board of directors of the fund by the national strategy of the countries. As part of this Strategic Program, I4F would like to receive proposals for groundbreaking projects in the chosen field when the project partners are a company and a research institution from each side (minimum of 4 participants). The support for this route can reach a total of about **5M$**.

The goal for the Strategic Program projects is to start the project from a relatively low TRL (3-4) up to the pilot phase (TRL 7-8) while creating an impact in the field, by combining forces – Industry and Academia – in joint R&D to achieve a significant technological breakthrough.

Program highlights:

Project Budget	Grant % of Total Budget	Maximum Grant	Grant Type
Unlimited	Up to 66% of the requested budget	USD 5,000,000 (Up to USD 2,000,000 per year per project)	Conditional grant (3-5%/year royalty)
Project Duration	**TRL**	**Submission**	**Participants' Eligibility**
Up to 3 years	Project starting point- TRL 3 – 4 Project ending point- TRL 7 – 8	1 CFP per year	Indian & Israeli companies + Indian & Israeli Academic partner as subcontractor up to 30% of total budget (mandatory)

Prog. Description	This year, under the multidisciplinary chosen topic "Biological, Physical & Human Integration with Autonomous Systems", you can find the following examples of potential scopes relevant (but not limited) to this call like: **Relevant technologies under the call scope:**
	
	 • **Sensing and monitoring**
	  ○ Robotic sensing
	  ○ Biosensing
	  ○ Social sensing
	
	 • **Interaction**
	  ○ Interaction of robots / autonomous systems with the physical or biological world
	  ○ Interaction of robots or nanorobots with a biological body
	  ○ Smart Man-Unmanned Teaming (MUMT)
	  ○ Brain-Computer Interface (BCI)
	  ○ Internet of Things / Internet of Everything
	
	 • **Computer architecture, modeling and simulation**
	  ○ Modelling and simulation of interactions with / components of the physical or biological world
	  ○ Digital twins' architectures
	
	 • **Cyber security**
	  ○ Cyber security for bidirectional interfaces with the physical or biological world

For CfP: Budget / Funding scheme	Fund up to US$ 5,000,000 **per project** or 66% of the total qualified project cost, whichever is lower. **Indian Side:** Fund up to INR 20,80,73,750 or 66% of the total qualified project cost whichever is lower
Criteria (for selection - CfP)	Evaluation Criteria: • High level of Innovation/Novelty • Potential for Commercialization Success • Technical and Financial Capabilities • Commercialization/Marketing Capability • Complementarity to each country/Company • Synergy Between Companies, relevant background • Reliability of the work and budget plan
precondition	**A precondition for both programs:** • The consortiums must involve at least one company and one research institution (university or institute) from each country (2 or 3) x (2 or 3), no more than 6 entities in total • Academia as a subcontractor in the consortium can get up to 30% of the budget (each side) • Commercial product/technology. • Companies must be able to fund the supplementary part of their project budget after a grant. • Duration of the project up to 3 years (maximum).
Application Process	**The Indian partner** is required to submit I4F application forms to DST/TDB websites through an online system at https://tdb.gov.in **The Israeli partner** is required to submit I4F application forms in accordance with the Israel Innovation Authority regulations, through the official Israel Innovation Authority website's https://my.innovationisrael.org.il/ Please note! 1. The Israeli company needs to register to the IIA system (companies that applied for the IIA's support before, using the same user) and upload the proposal. 2. It is recommended to submit the proposal ASAP. Please do not wait for the last minute. I4F will accept only proposals that were submitted on time. I4F won't be able to accept proposals submitted later than the deadline as above. 3. Please make sure that both partners successfully submitted the proposal on both platforms! I4F won't be able to accept proposals that were submitted only on one platform.
Relevant Technology sectors	Examples of relevant technology sectors (but not limited to the following) : Biotech, space, robotics, Agri-tech, smart transportation, smart cities, Climate-tech, Industry 4.0, care for the disabled, etc.

Relevant Authority Division	International Collaborations Division
Mail for contacts / questions / more information : Name / Position / Division / Telephone / eMail	If you already having a project idea, and are looking for partners, or you are interested in participating in a project proposal, given your expertise in the field, but haven't yet formed a project idea or proposal, then please visit the I4F website: https://i4f.org/ Contact information: <table><tr><td>**Israel**</td><td>**India**</td></tr><tr><td>**Mr. Tal Ben Avner** Israel Innovation Authority **(IIA)** https://innovationisrael.org.il/ Email: tal.ba@innovationisrael.org.il</td><td>**Mr. Deepak Chaturvedi** Technology Development Board (**TDB**) https://tdb.gov.in Email: indo-israel@tdb.gov.in Tel: 011-26511184 M: 9650598492</td></tr></table>