



Name of the Host Institute:- Indian Institute of Science, Bangalore
Name of the TIH:- I-Hub for Robotics and Autonomous Systems Innovation Foundation (ARTPARK)
TIH Vertical:- Robotics and Autonomous Systems

List of the Spokes created by the Hubs:-

S.No.	Name of the Spoke	Place	List of Projects undertaken	Research Area	Progress / Outcome	Remarks (If Any)
1.	Aalto University	Espoo, Helsinki, Finland	Project Eklavya	Learning for new AI age	Launch of Eklavya-Center for Experience learning for AI age on 05 Sep '22	KDEM (Karnataka Digital Economy Mission) supported Innovation Sandbox
2.	EkStep Foundation	Bangalore			Co-creation of learning innovation sandbox	First sandbox being inaugurated at Electronic City, Bangalore on 05 Sep '22
3.	L. Bahadur Chand Munjal Foundation	Ludhiana			MoU by mid/end Aug '22	For setting up of remote learning labs
4.	VMSB Uttarakhand Technical University	Dehradun	Setting up Gen Bipin Rawat Defence Incubator and Section 8 Company	Entrepreneurship	Incubator inaugurated	Section 8 company to run Incubator being established
			iDEX challenges	Drones and AI	Two iDEX challenges applied for in DISC#6	Selection result awaited
5.	HQ Dakshin Bharat Area	Chennai	Project XraySetu	AI/ML for diagnostic healthcare	350+ Xray images received for learning of Inference engine	-
6.	NVIDIA Corporation	Santa Clara, California		NVIDIA Accelerator programme	Compute resources worth about 5L received as grant	-
7.	Skysense AB	Kista, Sweden	Project Tez Rakshak	Anti-drone Sensing	One RF sensor received for trials	Advanced version of sensor being released and awaited



List of Inter-Hub Collaboration by the Hubs:-

S.No.	Name of TIH Collaborated with	Meetings held till Date	Progress / Outcome	Remarks (If Any)
1.	COMET Foundation at IIIT Bangalore, working in the area of Advanced Communication System	In-person meeting with Project Director at IIIT Bangalore on 10 Aug '22	Synergies and potential collaboration areas discussed.	- 5G last mile connectivity (civil and military domain) - 6G technology development - Military Cloud (as an enabler for confluence of communication and compute)
			RFI for Mobile cellular communication for Indian Army shared with Proj Director of COMET @ IIITB on 11 Aug '22 for exploring collaboration	Make-I (Government Funded) Project
2.	Vishlesan I-hub Foundation at IIT Patna working in the areas of Speech, Video & Text Analytics.	1. Online meeting with Proj Director on 19th March 2022. 2. An appointment for an in-person meeting with the Director, IIT Patna was sought but not given. 3. An in-person meeting with Proj Director at IIT Madras on 07 May during the National Workshop on Technology Innovation in CPS. 4. Online meeting with Proj Director on 12th August 2022.	Proposed following areas of collaboration: - - Joint running of PRAYAS (mentoring for entrepreneurship) with credits being split equally. Good Start-ups that might emerge can potentially take on ventures at any of the TIHs as they would choose. - Co-fund (50:50) the ARTBot project of ARTPARK on Robotics, wherein TIH Vishlesan can research on language enablement/NLP/ Speech analytics, etc which faculty or start up at Patna would like to work on. - ARTPARK transfer part of its ongoing UG/PG Fellowships to TIH Vishlesan	Shared a draft Share Holders Agreement on 13 Aug '22 as sought by the TIH Vishlesan for onboarding selected Start-ups.