

Sr. No.	Problem Area/details	Name of line ministries/States Govt/PSUs/industries	Collaborating TIH	Collaborating Partner other than TIH	Projects undertaken	Technology/product developed (current status)	Any other update
1	IoT solution for underwater pipeline inspection	ONGC, HPCL and Indian Oil		Centre of Excellence Oil, Gas and Energy IIT Bombay	Design and development of IoT solution for underwater pipeline inspection	The project is sanctioned, and the project work started.	
2	Design Studies for Control Systems	Directorate of Naval Design (DND), Indian Navy		IIT Bombay	DESIGN INPUT STUDIES FOR AUTONOMY & CONTROL SYSTEMS OF XLUV	The project discussions completed and proposal has been submitted. NDA is signed by TIH.	Discussions in progress with NM-ICPS office and DND on mechanism for direct project award to TIH.
3	IoT application in Agriculture project	Indian Council of Agricultural Research (ICAR) – Directorate of Onion & Garlic Research (DOGR)		General Aeronautics, Proximal Soilsens Technologies Pvt. Ltd.,	Effective and Efficient Agriculture Project	The project proposal discussed for the collaboration for agriculture inputs and testings in ICAR set-ups. MOU is almost finalised.	
4	Agriculture Project	National Bank for Agriculture And Rural Development (NABARD)		IIT Bombay	Crop Resilience Agriculture	The project proposal submitted as a consortium from IIT Bombay for the	



						feedback from NABARD	
5	IoT solution for Steel Melting Plant	SAIL (Steel Authority India Ltd)			Steel ladle tracking and management system in Steel Melting Shops (SMSs). of Steel Plants	Project is sanctioned under Industrial problems for CHANAKYA Fellowship and work in progress	
6	Govt. of India, Ministry of Comm unications	Department of Telecom		National Telecommun ication Institute (NTIPRIT)	Expert Committee for Skill Development and Education & Awareness in IoT/M2M domain	The Committee is formed for developing courses in the area of IoT and M2M for skill development, re skilling, upskilling	
7	IoT Repository	National Security Council Secretariat			IoT Repository Project	Project formulation and discussions are in progress	
8	Jal Jeevan Mission	Ministry of Jal Shakti, Department of Drinking Water and Sanitation			Smart regulation of 24 x 7 gravity water supply systems in hilly state	No inputs received from the ministry even after several follow ups	



9	Training/Upskilling on the IoT	BHEL			The discussion on training the BHEL Employees about the different aspects of IoT.	Discussion on the scope and topics to be covered in the customized IoT course.	
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