S.No.	Organization	Problem Statement Title	Category	PS Number	Theme
1	Ministry of Development of North Eastern Region	Low-Cost smart transportation solution for Agri produce from remote farms to nearest motorable road in NER Region	Hardware	SIH25003	Transportation & Logistics
2	Government of Punjab	Waste Segregation Monitoring System for Urban Local Bodies	Hardware	SIH25014	Clean & Green Technology
3	Government of Punjab	Intelligent Pesticide Sprinkling System Determined by the Infection Level of a Plant	Hardware	SIH25015	Agriculture, FoodTech & Rural
4	Ministry of Railways	Development of indigenous contactless Integrated Track Monitoring Systems (ITMS) for Track Recording on Indian Railways	Hardware	SIH25020	Smart Automation
5	Ministry of Railways	AI based development of Laser based QR Code marking on 'track fittings on Indian Railways'.	Hardware	SIH25021	Transportation & Logistics
6	Ministry of Ayush	E tongue for Dravya identification	Hardware	SIH25025	MedTech / BioTech / HealthTech
7	Ministry of Earth Sciences (MoES)	Development of Sensor for Detection Of Microplastics	Hardware	SIH25036	Miscellaneous
8	Ministry of Earth Sciences (MoES)	Development of a low-cost camera-based automated beach sand grain size mapping system	Hardware	SIH25037	Miscellaneous
9	Ministry of Earth Sciences (MoES)	Embedded Intelligent Microscopy System for Identification and Counting of Microscopic Marine Organisms	Hardware	SIH25043	Smart Automation

10	Government of Odisha	Smart Waste Segregation and Recycling System	Hardware	SIH25046	Clean & Green Technology
11	Government of Odisha	Disaster Response Drone for Remote Areas	Hardware	SIH25047	Robotics and Drones
12	Government of Odisha	Renewable Energy Monitoring System for Microgrids	Hardware	SIH25051	Renewable / Sustainable Energy
13	Ministry of Consumer Affairs, Food & Public Distribution (MoCA,F&PD)	Improved Onion storage technology for enhancing shelf life of onions	Hardware	SIH25053	Agriculture, FoodTech & Rural
14	Ministry of Consumer Affairs, Food & Public Distribution (MoCA,F&PD)	Automated High-Current Short-Circuit Test System for MCB to comply with IEC 60898-1:2015	Hardware	SIH25054	Smart Automation
15	Ministry of Consumer Affairs, Food & Public Distribution (MoCA,F&PD)	Automated Specimen Preparation System for testing of Cable samples as per IS 10810 and IS 7098.	Hardware	SIH25055	Miscellaneous
16	Ministry of Consumer Affairs, Food & Public Distribution (MoCA,F&PD)	To explore new/alternative assaying methods to the fire assay method for testing of gold jewellery and artefacts through non-destructive testing	Hardware	SIH25056	Miscellaneous
17	Ministry of Consumer Affairs, Food & Public Distribution (MoCA,F&PD)	Automated Compliance Checker for Legal Metrology Declarations on E-Commerce Platforms	Hardware	SIH25057	Miscellaneous
18	Ministry of Consumer Affairs, Food & Public Distribution (MoCA,F&PD)	Detection and Prevention of Tampering in Weighing and Measuring instruments	Hardware	SIH25058	Miscellaneous
19	Government of Sikkim	Implementation of Smart Agriculture for Efficient Cultivation in Hilly Regions	Hardware	SIH25062	Agriculture, FoodTech & Rural

20	Government of Kerala	Developing a cost effective solution for detecting the breakage of Low Voltage AC Distribution Over Head conductors	Hardware	SIH25063	Disaster Management
21	Government of Kerala	Improving the Renewable Energy hosting capacity in Distribution Feeders improving the Power quality of Distribution network during high RE injection	Hardware	SIH25064	Renewable / Sustainable Energy
22	Ministry of Mines	Design and Implementation of Solar-Powered Dewatering in Mining Operations.	Hardware	SIH25072	Renewable / Sustainable Energy
23	Government of Kerala	A hardware that can detect and prevent unauthorized use of electric fences	Hardware	SIH25077	Smart Automation
24	Government of Kerala	Earthquake stabilised dialysis system for patient safety during seismic events.	Hardware	SIH25084	Disaster Management
25	Government of Kerala	Solution for NON-REVENUE LOSS IN WATER SUPPLY Solution to improve AWARENESS IN WATER CONSERVATION TREATMENT OF WASTE WATER	Hardware	SIH25085	Miscellaneous
26	Government of Kerala	GREY WATER MANAGEMENT AND REUSE WET LAND MANAGEMENT WATER CONSERVATION	Hardware	SIH25090	Clean & Green Technology
27	Autodesk	Research and redesign a sport equipment commonly found in sport industry and utilize Fusion software to reimagine its design. Students can use Fusion Features such as	Hardware	SIH25095	Smart Education
28	Autodesk	• Students are supposed to use Fusion software to generate NC code with machine details & tool library for any industrial component. • Students should possess technical	Hardware	SIH25096	Smart Education
29	Ministry of Development of North Eastern Region	Smart Community Health Monitoring and Early Warning System for Water-Borne Diseases in Rural Northeast India	Software	SIH25001	MedTech / BioTech / HealthTech

30	Ministry of Development of North Eastern Region	Smart Tourist Safety Monitoring & Incident Response System using Al, Geo-Fencing, and Blockchain-based Digital ID	Software	SIH25002	Travel & Tourism
31	Ministry of Fisheries, Animal Husbandry & Dairying	Image based breed recognition for cattle and buffaloes of India	Software	SIH25004	Agriculture, FoodTech & Rural
32	Ministry of Fisheries, Animal Husbandry & Dairying	Image based Animal Type Classification for cattle and buffaloes	Software	SIH25005	Agriculture, FoodTech & Rural
33	Ministry of Fisheries, Animal Husbandry & Dairying	Development of a Digital Farm Management Portal for Implementing Biosecurity ileasures in Pig and Poultry Farms	Software	SIH25006	Agriculture, FoodTech & Rural
34	Ministry of Fisheries, Animal Husbandry & Dairying	Development of a Digital Farm Management Portal for Monitoring aximum Residue Limits (MRL) and Antimicrobial Usage (AMU) in Livestock	Software	SIH25007	Agriculture, FoodTech & Rural
35	Government of Punjab	Disaster Preparedness and Response Education System for Schools and Colleges	Software	SIH25008	Disaster Management
36	Government of Punjab	Gamified Environmental Education Platform for Schools and Colleges	Software	SIH25009	Smart Education
37	Government of Punjab	Smart Crop Advisory System for Small and Marginal Farmers	Software	SIH25010	Agriculture, FoodTech & Rural
38	Government of Punjab	Smart Curriculum Activity & Attendance App	Software	SIH25011	Smart Education
39	Government of Punjab	Automated Attendance System for Rural Schools	Software	SIH25012	Smart Education

40	Government of Punjab	Real-Time Public Transport Tracking for Small Cities	Software	SIH25013	Transportation & Logistics
41	Government of Punjab	Automated Student Attendance Monitoring and Analytics System for Colleges	Software	SIH25016	Smart Education
42	Government of Punjab	Digital Platform for Centralized Alumni Data Management and Engagement	Software	SIH25017	Smart Education
43	Government of Punjab	Telemedicine Access for Rural Healthcare in Nabha	Software	SIH25018	MedTech / BioTech / HealthTech
44	Government of Punjab	Digital Learning Platform for Rural School Students in Nabha	Software	SIH25019	Smart Education
45	Ministry of Railways	Maximizing Section Throughput Using Al-Powered Precise Train Traffic Control	Software	SIH25022	Transportation & Logistics
46	Ministry of Ayush	AyurSutra- Panchakarma Patient Management and therapy scheduling Software	Software	SIH25023	MedTech / BioTech / HealthTech
47	Ministry of Ayush	Comprehensive Cloud-Based Practice Management & Nutrient Analysis Software for Ayurvedic Dietitians, Tailored for Ayurveda-Focused Diet Plans	Software	SIH25024	MedTech / BioTech / HealthTech
48	Ministry of Ayush	Develop API code to integrate NAMASTE and or the International Classification of Diseases (ICD-11) via the Traditional Medicine Module 2 (TM2) into existing EMR	Software	SIH25026	MedTech / BioTech / HealthTech
49	Ministry of Ayush	Develop a blockchain-based system for botanical traceability of Ayurvedic herbs, including geo-tagging from the point of collection (farmers/wild collectors) to	Software	SIH25027	Blockchain & Cybersecurity

50	Government of Jharkhand	Smart Classroom & Timetable Scheduler	Software	SIH25028	Smart Education
51	Government of Jharkhand	Authenticity Validator for Academia	Software	SIH25029	Smart Education
52	Government of Jharkhand	Al-Based Crop Recommendation for Farmers	Software	SIH25030	Agriculture, FoodTech & Rural
53	Government of Jharkhand	Crowdsourced Civic lssue Reporting and Resolution System	Software	SIH25031	Clean & Green Technology
54	Government of Jharkhand	Development of a Smart Digital Platform to Promote Eco & Cultural Tourism in Jharkhand	Software	SIH25032	Travel & Tourism
55	Ministry of Corporate Affairs	Al-Based Smart Allocation Engine for PM Internship Scheme	Software	SIH25033	Smart Automation
56	Ministry of Corporate Affairs	Al-Based Internship Recommendation Engine for PM Internship Scheme	Software	SIH25034	Smart Education
57	Ministry of Corporate Affairs	Sentiment analysis of comments received through E-consultation module	Software	SIH25035	Miscellaneous
58	Ministry of Earth Sciences (MoES)	Blockchain-Based Blue Carbon Registry and MRV System	Software	SIH25038	Clean & Green Technology
59	Ministry of Earth Sciences (MoES)	Integrated Platform for Crowdsourced Ocean Hazard Reporting and Social Media Analytics	Software	SIH25039	Disaster Management

60	Ministry of Earth Sciences (MoES)	FloatChat - AI-Powered Conversational Interface for ARGO Ocean Data Discovery and Visualization	Software	SIH25040	Miscellaneous
61	Ministry of Earth Sciences (MoES)	AI-Driven Unified Data Platform for Oceanographic, Fisheries, and Molecular Biodiversity Insights	Software	SIH25041	Renewable / Sustainable Energy
62	Ministry of Earth Sciences (MoES)	Identifying Taxonomy and Assessing Biodiversity from eDNA Datasets	Software	SIH25042	Miscellaneous
63	Government of Odisha	Al-Powered Crop Yield Prediction and Optimization	Software	SIH25044	Agriculture, FoodTech & Rural
64	Government of Odisha	Blockchain-Based Supply Chain Transparency for Agricultural Produce	Software	SIH25045	Agriculture, FoodTech & Rural
65	Government of Odisha	Gamified Learning Platform for Rural Education	Software	SIH25048	Smart Education
66	Government of Odisha	Al-Driven Public Health Chatbot for Disease Awareness	Software	SIH25049	MedTech / BioTech / HealthTech
67	Government of Odisha	Smart Traffic Management System for Urban Congestion	Software	SIH25050	Transportation & Logistics
68	Government of Odisha	AR-Based Cultural Heritage Preservation Platform	Software	SIH25052	Heritage & Culture
69	Ministry of Social Justice & Empowerment (MoSJE)	Enhancing Student Awareness on difference between Aadhaar linked and Direct Beneficiary Transfer(DBT) enabled Aadhaar seeded bank account.	Software	SIH25059	Miscellaneous

70	Ministry of Social Justice & Empowerment (MoSJE)	Real life solutions for Waste Management.	Software	SIH25060	Clean & Green Technology
71	Government of Sikkim	Digitize and Showcase Monasteries of Sikkim for Tourism and Cultural Preservation	Software	SIH25061	Travel & Tourism
72	Ministry of Jal Shakti	Designing and development of an application for on spot assessment of Roof Top Rain water harvesting and artificial recharge potential and size of the RTRWH and	Software	SIH25065	Smart Automation
73	Ministry of Jal Shakti	Development of an Al-driven ChatBOT for INGRES as a virtuall assistant	Software	SIH25066	Smart Automation
74	Ministry of Jal Shakti	Proposal for Design and development of application or Heavy Metal Pollution indices	Software	SIH25067	Miscellaneous
75	Ministry of Jal Shakti	Real time Groundwater resource evaluation using DWLR data	Software	SIH25068	Miscellaneous
76	Ministry of Mines	Al-Driven Life Cycle Assessment (LCA) Tool for Advancing Circulanty and Sustainability in Metallurgy and Mining	Software	SIH25069	Miscellaneous
77	Ministry of Mines	Secure Data Wiping for Trustworthy IT Asset Recycling	Software	SIH25070	Miscellaneous
78	Ministry of Mines	Al-Based Rockfall Prediction and Alert System for Open-Pit Mines	Software	SIH25071	Disaster Management
79	Ministry of Youth Affairs and Sports	Al-Powered Mobile Platform for Democratizing Sports Talent Assessment	Software	SIH25073	Fitness & Sports

80	Government of Kerala	AI-Powered Personal Farming Assistant for Kerala Farmers	Software	SIH25074	Agriculture, FoodTech & Rural
81	Government of Kerala	Gamified Platform to Promote Sustainable Farming Practices	Software	SIH25075	Agriculture, FoodTech & Rural
82	Government of Kerala	AI-Based Farmer Query Support and Advisory System	Software	SIH25076	Agriculture, FoodTech & Rural
83	Government of Kerala	Software other than a circuit breaker that can be used to detect and turn off LT lines when the line breaks	Software	SIH25079	Disaster Management
84	Government of Kerala	Document Overload at Kochi Metro Rail Limited (KMRL)-An automated solution	Software	SIH25080	Smart Automation
85	Government of Kerala	AI-Driven Train Induction Planning & Scheduling for Kochi Metro Rail Limited (KMRL)	Software	SIH25081	Smart Automation
86	Government of Kerala	Development of a travel related software app that can be installed on mobile phones that could capture trip related information	Software	SIH25082	Travel & Tourism
87	Government of Kerala	Digital Health Record Management System for migrant workers in Kerala aligned with sustainable development goals.	Software	SIH25083	MedTech / BioTech / HealthTech
88	Government of Jammu and Kashmir	AI-Based Timetable Generation System aligned with NEP 2020 for Multidisciplinary Education Structures	Software	SIH25091	Smart Automation
89	Government of Jammu and Kashmir	Development of a Digital Mental Health and Psychological Support System for Students in Higher Education	Software	SIH25092	MedTech / BioTech / HealthTech

90	Government of Jammu and Kashmir	Centralised Digital Platform for Comprehensive student activity record in HEIs	Software	SIH25093	Smart Education
91	Government of Jammu and Kashmir	One-Stop Personalized Career & Education Advisor	Software	SIH25094	Smart Education
92	Autodesk	Research and develop a design on autonomous small precision focused machine for planting crops or weeding.	Software	SIH25097	Smart Education
93	Autodesk	Students are tasked with designing a 4-story commercial office building using Revit Architecture and Revit Structure , ensuring effective integration between	Software	SIH25098	Smart Education
94	MathWorks India Pvt. Ltd.	AI-powered monitoring of crop health, soil condition, and pest risks using multispectral/hyperspectral imaging and sensor data.	Software	SIH25099	Agriculture, FoodTech & Rural
95	MathWorks India Pvt. Ltd.	Accelerating High-Fidelity Road Network Modeling for Indian Traffic Simulations.	Software	SIH25100	Transportation & Logistics
96	Government of Rajasthan	Remote classroom for rural colleges	Software	SIH25101	Smart Education
97	Government of Rajasthan	AI-based drop-out prediction and counseling system	Software	SIH25102	Smart Automation
98	Government of Rajasthan	ERP-based Integrated Student Management system	Software	SIH25103	Smart Automation
99	Government of Rajasthan	Language Agnostic Chatbot	Software	SIH25104	Smart Education

100	AICTE	Develop computer programs (in any language, preferably Python) to identify the design principles behind the Kolam designs and recreate the kolams.	Software	SIH12507	Heritage & Culture
101	Ministry of Tribal Affairs(MoTA)	Development of AI-powered FRA Atlas and WebGIS-based Decision Support System (DSS) for Integrated Monitoring of Forest Rights Act (FRA) Implementation.	Software	SIH12508	Miscellaneous