PROBLEM STATEMENTS

TOTAL STATEMENTS

As per available data

28 Hardware

73 Software

Show 100 entries

Search:

S.No.	Organization	Problem Statement Title	Category	PS Number	Submitted Idea(s) Count	Theme
1	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	0	MedTech / BioTech / HealthTech
2	Ministry of Development of North Eastern Region	Smart Tourist Safety Monitoring & Incident Response System using AI, Geo-Fencing, and Blockchain-based Digital ID	Software	SIH25002	0	Travel & Tourism
3	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	0	Transportation & Logistics
4	Ministry of Fisheries, Animal Husbandry & Dairying	Image based breed recognition for cattle and buffaloes of India	Software	SIH25004	0	Agriculture, FoodTech & Rural Development
5	Ministry of Fisheries, Animal Husbandry & Dairying	Image based Animal Type Classification for cattle and buffaloes	Software	SIH25005	0	Agriculture, FoodTech & Rural Development
6	Ministry of Fisheries, Animal Husbandry & Dairying	Development of a Digital Farm Management Portal for Implementing Biosecurity ileasures in Pig and Poultry Farms	Software	SIH25006	0	Agriculture, FoodTech & Rural Development

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7	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	0	Agriculture, FoodTech & Rural Development
8	Government of Punjab	Disaster Preparedness and Response Education System for Schools and Colleges	Software	SIH25008	0	Disaster Management
9	Government of Punjab	Gamified Environmental Education Platform for Schools and Colleges	Software	SIH25009	0	Smart Education
10	Government of Punjab	Smart Crop Advisory System for Small and Marginal Farmers	Software	SIH25010	0	Agriculture, FoodTech & Rural Development
11	Government of Punjab	Smart Curriculum Activity & Attendance App	Software	SIH25011	0	Smart Education
12	Government of Punjab	Automated Attendance System for Rural Schools	Software	SIH25012	0	Smart Education
13	Government of Punjab	Real-Time Public Transport Tracking for Small Cities	Software	SIH25013	0	Transportation & Logistics
14	Government of Punjab	Waste Segregation Monitoring System for Urban Local Bodies	Hardware	SIH25014	0	Clean & Green Technology
15	Government of Punjab	Intelligent Pesticide Sprinkling System Determined by the Infection Level of a Plant	Hardware	SIH25015	0	Agriculture, FoodTech & Rural Development
16	Government of Punjab	Automated Student Attendance Monitoring and Analytics System for Colleges	Software	SIH25016	0	Smart Education
17	Government of Punjab	Digital Platform for Centralized Alumni Data Management and Engagement	Software	SIH25017	0	Smart Education
18	Government of Punjab	Telemedicine Access for Rural Healthcare in Nabha	Software	SIH25018	0	MedTech / BioTech / HealthTech
19	Government of Punjab	Digital Learning Platform for Rural School Students in Nabha	Software	SIH25019	0	Smart Education
20	Ministry of Railways	Development of indigenous contactless Integrated Track Monitoring Systems (ITMS) for Track Recording on Indian Railways	Hardware	SIH25020	0	Smart Automation
21	Ministry of Railways	AI based development of Laser based QR Code marking on 'track fittings on Indian Railways'.	Hardware	SIH25021	0	Transportation & Logistics
22	Ministry of Railways	Maximizing Section Throughput Using AI-Powered Precise Train Traffic Control	Software	SIH25022	0	Transportation & Logistics
23	Ministry of Ayush	AyurSutra- Panchakarma Patient Management and therapy scheduling Software	Software	SIH25023	0	MedTech / BioTech / HealthTech

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24	Ministry of Ayush	Comprehensive Cloud-Based Practice Management & Nutrient Analysis Software for Ayurvedic Dietitians, Tailored for Ayurveda-Focused Diet Plans	Software	SIH25024	0	MedTech / BioTech / HealthTech
25	Ministry of Ayush	E tongue for Dravya identification	Hardware	SIH25025	0	MedTech / BioTech / HealthTech
26	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 systems that comply with Electronic Health Record (EHR) Standards for India.	Software	SIH25026	0	MedTech / BioTech / HealthTech
27	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 the final Ayurvedic formulation label.	Software	SIH25027	0	Blockchain & Cybersecurity
28	Government of Jharkhand	Smart Classroom & Timetable Scheduler	Software	SIH25028	0	Smart Education
29	Government of Jharkhand	Authenticity Validator for Academia	Software	SIH25029	0	Smart Education
30	Government of Jharkhand	AI-Based Crop Recommendation for Farmers	Software	SIH25030	0	Agriculture, FoodTech & Rural Development
31	Government of Jharkhand	Crowdsourced Civic Issue Reporting and Resolution System	Software	SIH25031	0	Clean & Green Technology
32	Government of Jharkhand	Development of a Smart Digital Platform to Promote Eco & Cultural Tourism in Jharkhand	Software	SIH25032	0	Travel & Tourism
33	Ministry of Corporate Affairs	AI-Based Smart Allocation Engine for PM Internship Scheme	Software	SIH25033	0	Smart Automation
34	Ministry of Corporate Affairs	AI-Based Internship Recommendation Engine for PM Internship Scheme	Software	SIH25034	0	Smart Education
35	Ministry of Corporate Affairs	Sentiment analysis of comments received through E-consultation module	Software	SIH25035	0	Miscellaneous
36	Ministry of Earth Sciences (MoES)	Development of Sensor for Detection Of Microplastics	Hardware	SIH25036	0	Miscellaneous
37	Ministry of Earth Sciences (MoES)	Development of a low-cost camera-based automated beach sand grain size mapping system	Hardware	SIH25037	0	Miscellaneous
38	Ministry of Earth Sciences (MoES)	Blockchain-Based Blue Carbon Registry and MRV System	Software	SIH25038	0	Clean & Green Technology
39	Ministry of Earth Sciences (MoES)	Integrated Platform for Crowdsourced Ocean Hazard Reporting and Social Media Analytics	Software	SIH25039	0	Disaster Management

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40	Ministry of Earth Sciences (MoES)	FloatChat - AI-Powered Conversational Interface for ARGO Ocean Data Discovery and Visualization	Software	SIH25040	0	Miscellaneous
41	Ministry of Earth Sciences (MoES)	AI-Driven Unified Data Platform for Oceanographic, Fisheries, and Molecular Biodiversity Insights	Software	SIH25041	0	Renewable / Sustainable Energy
42	Ministry of Earth Sciences (MoES)	Identifying Taxonomy and Assessing Biodiversity from eDNA Datasets	Software	SIH25042	0	Miscellaneous
43	Ministry of Earth Sciences (MoES)	Embedded Intelligent Microscopy System for Identification and Counting of Microscopic Marine Organisms	Hardware	SIH25043	0	Smart Automation
44	Government of Odisha	AI-Powered Crop Yield Prediction and Optimization	Software	SIH25044	0	Agriculture, FoodTech & Rural Development
45	Government of Odisha	Blockchain-Based Supply Chain Transparency for Agricultural Produce	Software	SIH25045	0	Agriculture, FoodTech & Rural Development
46	Government of Odisha	Smart Waste Segregation and Recycling System	Hardware	SIH25046	0	Clean & Green Technology
47	Government of Odisha	Disaster Response Drone for Remote Areas	Hardware	SIH25047	0	Robotics and Drones
48	Government of Odisha	Gamified Learning Platform for Rural Education	Software	SIH25048	0	Smart Education
49	Government of Odisha	AI-Driven Public Health Chatbot for Disease Awareness	Software	SIH25049	0	MedTech / BioTech / HealthTech
50	Government of Odisha	Smart Traffic Management System for Urban Congestion	Software	SIH25050	0	Transportation & Logistics
51	Government of Odisha	Renewable Energy Monitoring System for Microgrids	Hardware	SIH25051	0	Renewable / Sustainable Energy
52	Government of Odisha	AR-Based Cultural Heritage Preservation Platform	Software	SIH25052	0	Heritage & Culture
53	Ministry of Consumer Affairs, Food & Public Distribution (MoCA,F&PD)	Improved Onion storage technology for enhancing shelf life of onions	Hardware	SIH25053	0	Agriculture, FoodTech & Rural Development
54	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	0	Smart Automation
55	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	0	Miscellaneous

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56	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	0	Miscellaneous
57	Ministry of Consumer Affairs, Food & Public Distribution (MoCA,F&PD)	Automated Compliance Checker for Legal Metrology Declarations on E-Commerce Platforms	Hardware	SIH25057	0	Miscellaneous
58	Ministry of Consumer Affairs, Food & Public Distribution (MoCA,F&PD)	Detection and Prevention of Tampering in Weighing and Measuring instruments	Hardware	SIH25058	0	Miscellaneous
59	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	0	Miscellaneous
60	Ministry of Social Justice & Empowerment (MoSJE)	Real life solutions for Waste Management.	Software	SIH25060	0	Clean & Green Technology
61	Government of Sikkim	Digitize and Showcase Monasteries of Sikkim for Tourism and Cultural Preservation	Software	SIH25061	0	Travel & Tourism
62	Government of Sikkim	Implementation of Smart Agriculture for Efficient Cultivation in Hilly Regions	Hardware	SIH25062	0	Agriculture, FoodTech & Rural Development
63	Government of Kerala	Developing a cost effective solution for detecting the breakage of Low Voltage AC Distribution Over Head conductors	Hardware	SIH25063	0	Disaster Management
64	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	0	Renewable / Sustainable Energy
65	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 AR.	Software	SIH25065	0	Smart Automation
66	Ministry of Jal Shakti	Development of an AI-driven ChatBOT for INGRES as a virtuall assistant	Software	SIH25066	0	Smart Automation
67	Ministry of Jal Shakti	Proposal for Design and development of application or Heavy Metal Pollution indices	Software	SIH25067	0	Miscellaneous
68	Ministry of Jal Shakti	Real time Groundwater resource evaluation using DWLR data	Software	SIH25068	0	Miscellaneous

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69	Ministry of Mines	AI-Driven Life Cycle Assessment (LCA) Tool for Advancing Circularity and Sustainability in Metallurgy and Mining	Software	SIH25069	0	Miscellaneous
70	Ministry of Mines	Secure Data Wiping for Trustworthy IT Asset Recycling	Software	SIH25070	0	Miscellaneous
71	Ministry of Mines	AI-Based Rockfall Prediction and Alert System for Open-Pit Mines	Software	SIH25071	0	Disaster Management
72	Ministry of Mines	Design and Implementation of Solar-Powered Dewatering in Mining Operations.	Hardware	SIH25072	0	Renewable / Sustainable Energy
73	Ministry of Youth Affairs and Sports	AI-Powered Mobile Platform for Democratizing Sports Talent Assessment	Software	SIH25073	0	Fitness & Sports
74	Government of Kerala	AI-Powered Personal Farming Assistant for Kerala Farmers	Software	SIH25074	0	Agriculture, FoodTech & Rural Development
75	Government of Kerala	Gamified Platform to Promote Sustainable Farming Practices	Software	SIH25075	0	Agriculture, FoodTech & Rural Development
76	Government of Kerala	AI-Based Farmer Query Support and Advisory System	Software	SIH25076	0	Agriculture, FoodTech & Rural Development
77	Government of Kerala	A hardware that can detect and prevent unauthorized use of electric fences	Hardware	SIH25077	0	Smart Automation
78	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	0	Disaster Management
79	Government of Kerala	Document Overload at Kochi Metro Rail Limited (KMRL)-An automated solution	Software	SIH25080	0	Smart Automation
80	Government of Kerala	AI-Driven Train Induction Planning & Scheduling for Kochi Metro Rail Limited (KMRL)	Software	SIH25081	0	Smart Automation
81	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	0	Travel & Tourism
82	Government of Kerala	Digital Health Record Management System for migrant workers in Kerala aligned with sustainable development goals.	Software	SIH25083	0	MedTech / BioTech / HealthTech
83	Government of Kerala	Earthquake stabilised dialysis system for patient safety during seismic events.	Hardware	SIH25084	0	Disaster Management
84	Government of Kerala	Solution for NON-REVENUE LOSS IN WATER SUPPLY Solution to improve AWARENESS IN WATER CONSERVATION TREATMENT OF WASTE WATER AND REUSE FOR DOMESTIC PURPOSES	Hardware	SIH25085	0	Miscellaneous

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85	Government of Kerala	GREY WATER MANAGEMENT AND REUSE WET LAND MANAGEMENT WATER CONSERVATION	Hardware	SIH25090	0	Clean & Green Technology
86	Government of Jammu and Kashmir	AI-Based Timetable Generation System aligned with NEP 2020 for Multidisciplinary Education Structures	Software	SIH25091	0	Smart Automation
87	Government of Jammu and Kashmir	Development of a Digital Mental Health and Psychological Support System for Students in Higher Education	Software	SIH25092	0	MedTech / BioTech / HealthTech
88	Government of Jammu and Kashmir	Centralised Digital Platform for Comprehensive student activity record in HEIs	Software	SIH25093	0	Smart Education
89	Government of Jammu and Kashmir	One-Stop Personalized Career & Education Advisor	Software	SIH25094	0	Smart Education
90	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 Generative Design, Topology Optimization, Additive Build etc. The redesigned component should showcase innovation, enhanced functionality, and improved efficiency, all while being optimized for 3D printing.	Hardware	SIH25095	0	Smart Education
91	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 skills in areas such as CAD/CAM software, G-code programming, toolpath optimization, and machining fundamentals. Additionally, their project ideas should demonstrate a viable solution to a real-world problem, ensuring feasibility and practicality in implementation.	Hardware	SIH25096	0	Smart Education
92	Autodesk	Research and develop a design on autonomous small precision focused machine for planting crops or weeding.	Software	SIH25097	0	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 architectural and structural models in a BIM environment.(The size of the plot can be assumed by the students, all the dimensions wherever necessary can be assumed by students in mm units.)	Software	SIH25098	0	Smart Education

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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	0	Agriculture, FoodTech & Rural Development
95	MathWorks India Pvt. Ltd.	Accelerating High-Fidelity Road Network Modeling for Indian Traffic Simulations.	Software	SIH25100	0	Transportation & Logistics
96	Government of Rajasthan	Remote classroom for rural colleges	Software	SIH25101	0	Smart Education
97	Government of Rajasthan	AI-based drop-out prediction and counseling system	Software	SIH25102	0	Smart Automation
98	Government of Rajasthan	ERP-based Integrated Student Management system	Software	SIH25103	0	Smart Automation
99	Government of Rajasthan	Language Agnostic Chatbot	Software	SIH25104	0	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	0	Heritage & Culture

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