

GOVERNMENT OF INDIA · MINISTRY OF EDUCATION · AICTE

Ministry of Education's Innovation Cell (MIC) · SIH 2026 Portal

BlinkNBuild Quick-Reference Compendium

FAST-TRACK COMPILATION · VERIFIED EDITION: 07 SEPTEMBER 2026

SMART INDIA HACKATHON 2026

PROBLEM STATEMENTS QUICK-REFERENCE COMPILATION

[CREATED & FULLY VERIFIED: 07 SEPTEMBER 2026]

The complete, verified, and high-density compendium of all 236 problem statements across 17 national themes. Designed for rapid scanning, team brainstorming, and college SPOC internal hackathon preparation.

236

TOTAL CHALLENGES

178

SOFTWARE TRACK

58

HARDWARE TRACK

₹1L

PRIZE / PS

17

THEMES

ESSENTIAL PARTICIPATION & SUBMISSION CHECKLIST:

- **Team Composition:** Strictly 6 students enrolled in the same institute.
- **College Screening:** Must qualify through internal College SPOC hackathon.
- **National Submission Window:** Closes officially on September 30, 2026 on sih.gov.in.
- **Gender Diversity:** At least 1 female team member is non-negotiable.
- **Idea Submission Format:** Maximum 6 slides in official AICTE format (Export as PDF).
- **Winning Rewards:** ₹1,00,000 cash award per winning PS + grand finale travel support.

Official Source: <https://sih.gov.in/sih2026PS> · Verified September 2026
All challenges verified across Category, Theme, and Sponsoring Ministry.

BlinkNBuild SIH Master Hub: <https://blinknbuild.in/sih>
YouTube: [@BlinkNBuild](https://www.youtube.com/@BlinkNBuild) for slide-by-slide idea walkthroughs

PART 1: 17 NATIONAL THEMES MATRIX

Distribution Across Software & Hardware Tracks

#	NATIONAL THEME / DOMAIN BUCKET	SOFTWARE (178)	HARDWARE (58)	TOTAL PS
1	Smart Automation	44	11	55
2	Blockchain & Cybersecurity	29	2	31
3	Agriculture, FoodTech & Rural Development	15	12	27
4	Disaster Management	23	2	25
5	MedTech / BioTech / HealthTech	14	6	20
6	Miscellaneous	12	3	15
7	Robotics and Drones	4	8	12
8	Smart Education	8	3	11
9	Space Technology	8	1	9
10	Transportation & Logistics	6	1	7
11	Clean & Green Technology	5	2	7
12	Smart Vehicles	4	2	6
13	Heritage & Culture	2	1	3
14	Fitness & Sports	1	1	2
15	Renewable / Sustainable Energy	1	1	2
16	Travel & Tourism	1	1	2
17	Toys & Games	1	1	2
GRAND TOTAL:		178	58	236

Quick Selection Strategy:

For quick scanning, use the table in Part 2 below. Problem statements are listed in sequential order from SIH26001 to SIH26236, with concise challenge summaries and sponsoring ministries clearly flagged.

PART 2: ALL 236 PROBLEM STATEMENTS COMPILATION Complete Verified Challenge Compendium

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
1	SIH26001	SOFTWARE	AI-Based early warning and landslide Risk Monitoring System in NER The North Eastern Region (NER) frequently faces landslides, flash floods, road blockages, and slope failures due to heavy rainfall...	Disaster Management	Ministry of Development of North Eastern Region (MDoNER) Due: 30 September 2026
2	SIH26002	SOFTWARE	AI-Based Smart Logistics and Accessibility Intelligence Platform for North Eastern Region (NER) The North Eastern Region (NER) faces major logistics and accessibility challenges due to difficult terrain, extreme weather condit...	Transportation & Logistics	Ministry of Development of North Eastern Region (MDoNER) Due: 30 September 2026
3	SIH26003	SOFTWARE	AI-Based Cognitive Gaming and Memory Assistance Platform for Elderly Dementia Patients in North Eastern Region (NER) The North Eastern Region (NER) is witnessing a gradual rise in age-related cognitive disorders such as dementia and memory loss am...	MedTech / BioTech / HealthTech	Ministry of Development of North Eastern Region (MDoNER) Due: 30 September 2026
4	SIH26004	HARDWARE	AI-Assisted Early Detection System for Osteoarthritis (OA) Risk Markers in North Eastern Region (NER) Osteoarthritis (OA) is one of the most common musculoskeletal disorders affecting elderly individuals and physically active popula...	MedTech / BioTech / HealthTech	Ministry of Development of North Eastern Region (MDoNER) Due: 30 September 2026
5	SIH26005	HARDWARE	Solar-Powered Smart Mini Cold Storage System for Fresh Vegetables in North Eastern Region (NER) The North Eastern Region (NER) produces a substantial quantity of fresh vegetables and horticultural crops. However, due to inadeq...	Agriculture, FoodTech & Rural Development	Ministry of Development of North Eastern Region (MDoNER) Due: 30 September 2026
6	SIH26006	SOFTWARE	Development of an Intelligent Freight Forecasting Model for Optimized Vessel Chartering and Bulk Cargo Procurement from overseas to East Coast of India The current approach to vessel chartering for bulk cargo procurement to India's East Coast ports often involves daily market explo...	Transportation & Logistics	Ministry of Steel Due: 30 September 2026
7	SIH26007	HARDWARE	Safe and Efficient Operation of Mine Vehicles in Fog and Low-Visibility Conditions in Open Cast Iron Ore Mines. NMDC Limited is India's largest Iron Ore producer, currently producing approximately 53 Million Tonnes Per Annum (MTPA) from its t...	Smart Automation	Ministry of Steel Due: 30 September 2026
8	SIH26008	HARDWARE	Belt Joint Rupture and Conveyor Belt Damages in Iron Ore Mining Industry: Intelligent Monitoring and Prediction of Conveyor Belt Joint Rupture and Damages in Iron Ore Mining Industry. In the iron ore mining industry, conveyor belt systems are the backbone of material transportation, enabling continuous movement o...	Smart Automation	Ministry of Steel Due: 30 September 2026
9	SIH26009	SOFTWARE	Using AI/ML and Space Technology to Identify Manganese Reserves and Overcome Production Shortfalls. MOIL Limited is the largest producer of Manganese Ore in India. To meet future demand, it is important to accurately identify avai...	Space Technology	Ministry of Steel Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
10	SIH26010	HARDWARE	Survey/Resurvey of Rural Agricultural Land in India Historically, land surveys in rural India were conducted using conventional chain and tape methods, many of which date back severa...	Agriculture, FoodTech & Rural Development	Ministry of Rural Development Due: 30 September 2026
11	SIH26011	SOFTWARE	3D ULPIN Generation and vertical Property Mapping System With rapid urbanization and vertical growth of cities, conventional 2D land record Systems are becoming inadequate for managing mo...	Smart Automation	Ministry of Rural Development Due: 30 September 2026
12	SIH26012	SOFTWARE	AI-Based Automated Urban Parcel Mapping and Cadastral Feature Extraction System using Drone Imagery Accurate and up-to-date urban land records are essential for effective land governance, urban planning, taxation, infrastructure d...	Smart Automation	Ministry of Rural Development Due: 30 September 2026
13	SIH26013	SOFTWARE	Automated Integration and Intelligent Harmonization of Multi-source Geospatial Data for urban Land Record Management. Urban land administration and cadastral management involve integration of multiple spatial and non-spatial datasets generated from...	Smart Automation	Ministry of Rural Development Due: 30 September 2026
14	SIH26014	SOFTWARE	An Integrated GIS-based Digital Public Infrastructure for Land Governance Land governance in India involves multiple institutions maintaining land-related information in fragmented and disconnected system...	Agriculture, FoodTech & Rural Development	Ministry of Rural Development Due: 30 September 2026
15	SIH26015	SOFTWARE	Application of Geospatial Techniques for visualization and analysis to interpret Geo-Coded Images to enhance watershed Development Outcomes. Watershed development plays a vital role in sustainable management of land, water, and natural resources, particularly in rural an...	Agriculture, FoodTech & Rural Development	Ministry of Rural Development Due: 30 September 2026
16	SIH26016	SOFTWARE	Real-Time National Land Acquisition & Management System for End-to-End Digital Monitoring and Decision Support Land acquisition is a critical component of infrastructure development and public welfare projects in India. It facilitates the im...	Smart Automation	Ministry of Rural Development Due: 30 September 2026
17	SIH26017	SOFTWARE	Predictive Analytics System for Early Detection of Land Acquisition Delays Land acquisition is one of the most critical and time-sensitive phases of infrastructure development. Delays in acquiring land sig...	Smart Automation	Ministry of Rural Development Due: 30 September 2026
18	SIH26018	SOFTWARE	Intelligent Land Record Digitization and Validation System Land records form the backbone of land administration, property ownership, taxation, land acquisition, dispute resolution, and inf...	Smart Automation	Ministry of Rural Development Due: 30 September 2026
19	SIH26019	SOFTWARE	National Digital Platform for Research, Policy Innovation, and Evidence-Based Land Governance Land is a finite and strategic resource that underpins economic development, environmental sustainability, food security, urban ex...	Smart Automation	Ministry of Rural Development Due: 30 September 2026
20	SIH26020	HARDWARE	Design and Development of Innovative Hand-Spinning Equipment for Enhancing Khadi Artisan Productivity and Income	Agriculture, FoodTech & Rural Development	Ministry of MSME Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
			Khadi is a sustainable rural textile system based on hand-spun yarn and hand-woven fabric produced by decentralized artisans using...		
21	SIH26021	SOFTWARE	Honey Chain: A block chain-based system for honey traceability and smart beekeeping management. KVIC's Honey Mission supports rural beekeepers with bee boxes and extraction toolkits for livelihood promotion, but they still fac...	Agriculture, FoodTech & Rural Development	Ministry of MSME Due: 30 September 2026
22	SIH26022	HARDWARE	Design and develop a smart, solar-powered drying and compact packaging system to support home-based agarbatti manufacturing by rural women artisans. Agarbatti making is a key home-based livelihood for rural women, but traditional drying methods depend on weather and often cause...	Agriculture, FoodTech & Rural Development	Ministry of MSME Due: 30 September 2026
23	SIH26023	SOFTWARE	AI-Powered Geological, Mining and other Reporting Solution for CMPDI/CIL subsidiaries CMPDI/CIL subsidiaries play a key role in providing geological and mining information to the Ministry of Coal and responding to pa...	Smart Automation	Ministry of Coal Due: 30 September 2026
24	SIH26024	SOFTWARE	AI-Based Smart Governance and Compliance Monitoring System for Coal Mines The Indian coal mining sector involves large-scale operations spread across multiple subsidiaries, mine sites, contractors, regula...	Smart Automation	Ministry of Coal Due: 30 September 2026
25	SIH26025	HARDWARE	Development of an AI-enabled Low Cost Real Time Mine Subsidence Monitoring, Prediction and Early Warning System for Underground Coal Mines in India Surface subsidence caused by underground coal mining poses significant risks to nearby communities, public infrastructure, agricul...	Smart Automation	Ministry of Coal Due: 30 September 2026
26	SIH26026	HARDWARE	Development of Mobile (Quadrupe)d)/Handheld Device/System for Real-Time Detection of Narcotics and Explosives across Indian Railways. Indian Railways is one of the largest rail networks in the world, serving millions of passengers daily across thousands of station...	Blockchain & Cybersecurity	Ministry of Railways Due: 30 September 2026
27	SIH26027	SOFTWARE	AI-Powered Automatic Block Planning to Maximize Asset Availability for Train Operations on Indian Railways Railway maintenance for fixed infrastructure of Engineering, Traction Distribution, and Signal & Telecommunication departments is...	Transportation & Logistics	Ministry of Railways Due: 30 September 2026
28	SIH26028	SOFTWARE	Dynamic Forecast of Expected Time of Arrival (ETA) for Coaching Trains Accurate forecasting of the Expected Time of Arrival (ETA) for coaching trains is vital for improving passenger satisfaction and o...	Smart Automation	Ministry of Railways Due: 30 September 2026
29	SIH26029	HARDWARE	Automated High-Current Short-Circuit Test System for IEC 60898-1:2015 MCB Compliance. The safety of electrical installations hinges on reliable Miniature Circuit Breakers (MCBs). IEC 60898-1:2015 mandates rigorous sh...	Smart Automation	Ministry of Consumer Affairs, Food & Public Distribution Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
30	SIH26030	HARDWARE	Automated Cable Specimen Preparation System for IS 10810 and IS 7098 Compliance. Accurate and consistent preparation of cable specimens is vital for reliable testing according to Indian Standards like IS 10810 (...	Smart Automation	Ministry of Consumer Affairs, Food & Public Distribution Due: 30 September 2026
31	SIH26031	SOFTWARE	Quality assessment and grading of onions are often subjective and vary across procurement centers, resulting in disputes and inconsistencies. Expected Solution: Develop an AI-based mobile application that:• Uses image processing to assess onion quality.• Identifies damage...	Smart Automation	Ministry of Consumer Affairs, Food & Public Distribution Due: 30 September 2026
32	SIH26032	SOFTWARE	Farmers often face long waiting times, lack of information regarding procurement schedules, and uncertainty about procurement status. Expected Solution: Develop a platform that:• Enables farmer registration and slot booking.• Provides real-time queue management.•...	Smart Automation	Ministry of Consumer Affairs, Food & Public Distribution Due: 30 September 2026
33	SIH26033	SOFTWARE	Multiple intermediaries reduce farmers earnings and increase consumer prices. Expected Solution: Create a digital marketplace that:• Connects farmers/FPOs directly with consumers and bulk buyers.• Provides lo...	Agriculture, FoodTech & Rural Development	Ministry of Consumer Affairs, Food & Public Distribution Due: 30 September 2026
34	SIH26034	SOFTWARE	Software System to check compliance of Packaged Commodities under Legal Metrology(Packaged Commodities) Rules, 2011 by scanning products, images and labels. Packaged commodities are widely sold through retail stores, supermarkets and e-commerce platforms across India. Under the Legal Me...	Miscellaneous	Ministry of Consumer Affairs, Food & Public Distribution Due: 30 September 2026
35	SIH26035	SOFTWARE	Development of a Software Program/Application for Generation of Test Reports for Non-Automatic Weighing Instruments (NAWI) as per OIML Recommendation R- 76 Non-Automatic Weighing Instruments (NAWIs), such as electronic weighing scales, platform scales and weighbridges, are widely used...	Miscellaneous	Ministry of Consumer Affairs, Food & Public Distribution Due: 30 September 2026
36	SIH26036	SOFTWARE	Development of an Online Verification System for Weighing and Measuring Instruments Under the Legal Metrology Act, 2009 and the Legal Metrology (General) Rules, 2011, every weighing and measuring instrument used in...	Miscellaneous	Ministry of Consumer Affairs, Food & Public Distribution Due: 30 September 2026
37	SIH26037	SOFTWARE	Adaptive Path Planning and Collision Avoidance for Autonomous Vehicles on Unstructured Indian Roads Most autonomous driving systems are developed for roads with clear lane markings, standard signage, predictable traffic flow, and...	Smart Vehicles	MathWorks Due: 30 September 2026
38	SIH26038	SOFTWARE	Explainable AI for Diabetic Retinopathy Screening in Rural India India has over 77 million diabetic adults - the second highest globally. Diabetic Retinopathy (DR) affects ~18% of this population...	MedTech / BioTech / HealthTech	MathWorks Due: 30 September 2026
39	SIH26039	HARDWARE	AI-Powered Underground Mine Safety, Monitoring and Rescue System. Jharkhand's underground coal mines face significant safety challenges, including toxic gas leaks,tunnel collapses, flooding, and p...	Smart Automation	Government of Jharkhand Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
40	SIH26040	HARDWARE	Smart Water Purification and Quality Monitoring System for Rural and Mining-Affected Areas. Access to safe drinking water remains a significant challenge in many rural and mining-affected regions of Jharkhand. Groundwater...	Clean & Green Technology	Government of Jharkhand Due: 30 September 2026
41	SIH26041	SOFTWARE	AR-Based Vocational Training Simulator for Industrial Safety in Jharkhand's Mining & Manufacturing Sector Jharkhand is India's leading mineral-producing state, with coal mines, steel plants, and mica processing units employing hundreds...	Smart Education	Government of Jharkhand Due: 30 September 2026
42	SIH26042	SOFTWARE	AI-Powered Vernacular Pedagogy and Real-Time Translation Tool for Mother Tongue-Based Primary Education Jharkhand's PALASH Mother Tongue-Based Multilingual Education (MTB-MLE) programme has demonstrated measurable improvements in four...	Smart Education	Government of Jharkhand Due: 30 September 2026
43	SIH26043	SOFTWARE	A digital platform to crowdsource societal challenges and facilitate collaborative problem solving through universities and industry partnerships Communities across Jharkhand encounter numerous local challenges related to education, healthcare, agriculture, water management, s...	Smart Education	Government of Jharkhand Due: 30 September 2026
44	SIH26044	SOFTWARE	Portal for Academia - Industry collaboration for Skill Mapping, Internships and Placement A significant gap exists between the skills acquired in academic institutions and the competencies expected by industries. Student...	Smart Automation	Ministry of Ayush Due: 30 September 2026
45	SIH26045	SOFTWARE	IP-SAKTI Sahayak a multilingual, RAG-based (source-cited) AI assistant for Intellectual Property and regulatory guidance in Ayurveda, across national and international regimes. Ayurveda rests on a vast corpus of codified and community-held traditional knowledge (TK) and on therapeutics derived from plant,...	MedTech / BioTech / HealthTech	Ministry of Ayush Due: 30 September 2026
46	SIH26046	SOFTWARE	AIIA Clinical Trials Dashboard - a real-time, cloud-based, GCP-compliant Clinical Trial Management System (CTMS) for Ayurveda research, with CDISC/FHIR-interoperable data, role-based KPIs, and integrated ethics, regulatory (CTRI / NDCT Rules 2019) and pharma covigilance tracking. The All India Institute of Ayurveda (AIIA) conducts and coordinates a growing portfolio of clinical research in Ayurveda â€" inter...	MedTech / BioTech / HealthTech	Ministry of Ayush Due: 30 September 2026
47	SIH26047	SOFTWARE	Patient Case-Taking Software 1.1 The Clinical History-Taking Bottleneck in Indian Hospitals History taking â€" the structured elicitation of a patient's presen...	MedTech / BioTech / HealthTech	Ministry of Ayush Due: 30 September 2026
48	SIH26048	HARDWARE	iKwath - a pod-based smart Kwatha (Kadha) maker that prepares a fresh, AFI/API-standardized decoction from coarse powder (yavaku? a c?r?a) on demand, in the shortest practical time without altering the decoctions quality or yield Kwatha (kashaya / kadha) is among the most widely used Ayurvedic dosage forms and is most effective when freshly prepared, yet a f...	MedTech / BioTech / HealthTech	Ministry of Ayush Due: 30 September 2026
49	SIH26049	HARDWARE	Modifications to improve the reliability, efficiency, and lifespan of electrical and electronic equipment and systems in the ambient condition of subzero	Smart Automation	DRDO Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
			temperature and low pressure of High Altitude Areas(HAA) and Super High Altitude Areas (SHAA) of Ladakh region. Background:High Altitude Areas (HAA) and Super High Altitude Areas (SHAA) of Ladakh region presents one of the harshest operatin...		
50	SIH26050	HARDWARE	High Altitude Performance Optimization and Robust Design of Anti-Drone System. Background:Anti-drone systems are deployed for detection, tracking, identification and neutralization of unauthorized drones thr...	Robotics and Drones	DRDO Due: 30 September 2026
51	SIH26051	SOFTWARE	Software Based Model Development for Design of Area Specific Shelter for Thermal Comfort Maintenance. Background:The ambient atmospheric condition affects the temperature inside the shelter and makes thermal management necessary f...	Miscellaneous	DRDO Due: 30 September 2026
52	SIH26052	HARDWARE	To develop an AI/ML-enabled adaptive noise cancellation (ANC) system that effectively suppresses stationary, non-stationary, and impulsive defence noises while maintaining high speech intelligibility and real-time performance on embedded hardware. Background:In defence and mission-critical communication systems, reliable speech transmission is severely affected by diverse a...	Miscellaneous	DRDO Due: 30 September 2026
53	SIH26053	SOFTWARE	Adaptive Variable Resolution 2.5D Lidar Mapping for Dynamic Environment Perception Background:Autonomous navigation depends on the ability of a vehicle to perceive its surroundings with high precision. While 3D...	Smart Vehicles	DRDO Due: 30 September 2026
54	SIH26054	SOFTWARE	AI-Enabled Real-Time Digital Twin System for Health Monitoring, Fault Prediction and Mission Reliability Enhancement of Aero Piston Engines used in MALE UAVs. Background:Medium Altitude Long Endurance (MALE) UAV are increasingly being deployed for Long-duration intelligence, surveillanc...	Robotics and Drones	DRDO Due: 30 September 2026
55	SIH26055	SOFTWARE	Smart Scan strategy for Electronic Warfare Development of Smart Scan Strategy for Electronic Warfare in the absence of prior reliable intelligence of emitters and their oper...	Robotics and Drones	DRDO Due: 30 September 2026
56	SIH26056	SOFTWARE	Development of a Real-time Airfare Price Index for India through Automated Web Scrapping of Airline and Online Travel Aggregator Portals for Augmentation of the Consumer Price Index (CPI). Background The Consumer Price Index (CPI) released by the National Statistical Office (NSO), Ministry of Statistics and Programm...	Smart Automation	MoSPI Due: 30 September 2026
57	SIH26057	SOFTWARE	AI-Powered Automated Underwater Marine Debris and Anomaly Detection System using Side-Scan Sonar Imagery Background The accumulation of anthropogenic (man-made) debris in marine ecosystems poses a critical threat to global biodiversi...	Disaster Management	Ministry of Earth Sciences (MoES) Due: 30 September 2026
58	SIH26058	HARDWARE	Development of a Low-Power, Real-Time Adaptive Software-Defined Sonar Transmitter Payload for Autonomous Underwater Vehicles (AUVs) Background In underwater exploration and marine mapping, Autonomous Underwater Vehicles (AUVs) rely heavily on side-	Robotics and Drones	Ministry of Earth Sciences (MoES) Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
			scan sonar s...		
59	SIH26059	SOFTWARE	AI-Enabled Antarctic Sea-Ice, Iceberg Trajectory, and Navigation Decision Support System Develop an AI/ML-enabled decision support platform capable of forecasting Antarctic sea-ice concentration, predicting iceberg traj...	Transportation & Logistics	Ministry of Earth Sciences (MoES) Due: 30 September 2026
60	SIH26060	SOFTWARE	Digital Platform for efficient remote management of Indian Antarctic Research Stations Develop a Digital Twin framework for Maitri and Bharati stations integrating infrastructure, energy, logistics and environmental m...	Smart Automation	Ministry of Earth Sciences (MoES) Due: 30 September 2026
61	SIH26061	SOFTWARE	AI-Driven Smart Energy Management System for Polar Research Stations Develop an intelligent energy-management system using AI for load forecasting, renewable energy integration and fuel optimization...	Clean & Green Technology	Ministry of Earth Sciences (MoES) Due: 30 September 2026
62	SIH26062	SOFTWARE	Integrated Polar Expedition Logistics and Asset Management System Develop a centralized digital platform for expedition planning, cargo tracking, inventory management, personnel movement and emerg...	Smart Automation	Ministry of Earth Sciences (MoES) Due: 30 September 2026
63	SIH26063	SOFTWARE	Integrated Polar Science Outreach, Knowledge Repository and Media Dissemination Portal Develop a comprehensive outreach portal that archives expedition reports, scientific datasets, publications, photographs, videos a...	Smart Education	Ministry of Earth Sciences (MoES) Due: 30 September 2026
64	SIH26064	HARDWARE	Low-Cost Deployable Seafloor Metal Detection Sensor for Ocean Resource Exploration Design and develop a low-cost deployable ocean-bottom sensor that can be released from a research vessel during surveys to detect...	Robotics and Drones	Ministry of Earth Sciences (MoES) Due: 30 September 2026
65	SIH26065	HARDWARE	Autonomous Low-Cost Ocean Observation Platform for Polar and Southern Oceans Design and develop an indigenous, low-cost, autonomous ocean observation platform capable of long-term deployment in harsh polar a...	Robotics and Drones	Ministry of Earth Sciences (MoES) Due: 30 September 2026
66	SIH26066	SOFTWARE	OceanEmbed - Satellite Embedding-Based Deep Learning Framework for Reconstruction of Subsurface Ocean Temperature from Surface Satellite Observations. BackgroundSubsurface ocean temperature is a fundamental variable for understanding ocean circulation, upper-ocean heat content, st...	Disaster Management	Ministry of Earth Sciences (MoES) Due: 30 September 2026
67	SIH26067	SOFTWARE	Develop a web-based interactive 3D visualization platform that integrates numerical ocean model outputs and in-situ observations. BackgroundIndia's vast Exclusive Economic Zone (EEZ) and coastline demand continuous, high-resolution monitoring of ocean state va...	Disaster Management	Ministry of Earth Sciences (MoES) Due: 30 September 2026
68	SIH26068	SOFTWARE	WeatherGPT: Conversational AI for Weather Forecasting, Alerts, and Climate Information • Background Weather information is often distributed through multiple portals, bulletins, satellite products, and forecast system...	Disaster Management	Ministry of Earth Sciences (MoES) Due: 30 September 2026
69	SIH26069	SOFTWARE	National Weather Big Data Analytics Platform	Disaster Management	Ministry of Earth Sciences (MoES)

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
			Design and develop a scalable National Weather Big Data Analytics Platform capable of collecting and processing real-time weather-...		Due: 30 September 2026
70	SIH26070	SOFTWARE	To develop an Artificial Intelligence (AI) / Machine Learning (ML) based system for identification, classification, and prediction of different tropical cyclone patterns using multi-source satellite data. To develop an Artificial Intelligence (AI) / Machine Learning (ML) based system for identification, classification, and prediction...	Disaster Management	Ministry of Earth Sciences (MoES) Due: 30 September 2026
71	SIH26071	SOFTWARE	AI/ML-Based Integrated heavy rainfall Early Warning and Inundation Prediction System using Satellite, Radar, observational Weather and numerical weather prediction model data. AI/ML-Based Integrated heavy rainfall Early Warning and Inundation Prediction System using Satellite, Radar, observational Weather...	Disaster Management	Ministry of Earth Sciences (MoES) Due: 30 September 2026
72	SIH26072	SOFTWARE	AIML based Nowcasting of thunderstorm and lightning using atmospheric observation including multiple radars, satellite, lightning and model data. AIML based Nowcasting of thunderstorm and lightning using atmospheric observation including multiple radars, satellite, lightning...	Disaster Management	Ministry of Earth Sciences (MoES) Due: 30 September 2026
73	SIH26073	SOFTWARE	AI/ML-Based Intelligent Anomaly Detection for Automatic Weather Stations (AWS) • Title SkyGuard AI: Intelligent Real-Time Anomaly Detection System for Temperature, Pressure, and Humidity Sensors in Automatic W...	Disaster Management	Ministry of Earth Sciences (MoES) Due: 30 September 2026
74	SIH26074	SOFTWARE	Downscaling of weather forecast from Block level to Panchayat level: Inferring high-resolution plots/ data/ information from low-resolution plot /data /information /variables for agro-meteorological advisory services. Downscaling of weather forecast from Block level to Panchayat level: Inferring high-resolution plots/ data/ information from low-r...	Agriculture, FoodTech & Rural Development	Ministry of Earth Sciences (MoES) Due: 30 September 2026
75	SIH26075	SOFTWARE	Participants are invited to design and develop **CAPACITY CONNECT A Digital Capacity Building and Learning Management Portal** to support organizational training, competency development, and knowledge sharing through a centralized web-based platform. The solution should include secure signup and login functionality with three user roles: Trainee, Trainer, and Admin. Trainees sho...	Smart Education	Ministry of Earth Sciences (MoES) Due: 30 September 2026
76	SIH26076	SOFTWARE	Development of personalized homepage for 'Mausam' mobile application: • Health-conscious users Highlight Air Quality Index (AQI), pollen count, UV index, and humidity levels to help users manage aller...	Smart Automation	Ministry of Earth Sciences (MoES) Due: 30 September 2026
77	SIH26077	SOFTWARE	AI-Driven Hyper-Local Early Warning System for Severe Weather Nowcasting • Problem Statement India is highly vulnerable to rapidly intensifying, localized extreme weather events such as cloudbursts, seve...	Disaster Management	Ministry of Earth Sciences (MoES) Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
78	SIH26078	SOFTWARE	AI-Driven Spatio-Temporal Tracking of Extreme Weather Anomalies in Medium-Range Forecasts Problem Statement Identifying and tracking the exact geographic footprints of extreme weather anomalies (such as severe cyclones...	Smart Automation	Ministry of Earth Sciences (MoES) Due: 30 September 2026
79	SIH26079	SOFTWARE	AI-Based Forecast Bust Detection for Medium-Range Weather Forecasts Problem Statement Medium-range weather forecasts sometimes show large errors during rapidly evolving systems such as monsoon dep...	Smart Automation	Ministry of Earth Sciences (MoES) Due: 30 September 2026
80	SIH26080	SOFTWARE	Regime-Aware AI Post-Processing of Monsoon Rainfall Forecasts Problem Statement Rainfall forecast errors over India vary with weather regimes such as active monsoon, break monsoon, monsoon l...	Smart Automation	Ministry of Earth Sciences (MoES) Due: 30 September 2026
81	SIH26081	SOFTWARE	Hybrid AI-NWP Multi-Model Forecast Blending System Problem Statement Different forecasting systems perform differently depending on region, season, lead time and weather situation...	Disaster Management	Ministry of Earth Sciences (MoES) Due: 30 September 2026
82	SIH26082	SOFTWARE	Air Pollution-Weather Coupled Forecasting System (Delhi NCR Focus) Traditional Air Quality Index (AQI) forecasting models typically treat meteorology and pollution dispersion as separate entities....	Clean & Green Technology	Ministry of Earth Sciences (MoES) Due: 30 September 2026
83	SIH26083	SOFTWARE	Extreme Heatwave Early Warning and Human Thermal Stress Index In recent years, the frequency, duration, and intensity of heatwaves across India have escalated sharply due to climate change. Ho...	Disaster Management	Ministry of Earth Sciences (MoES) Due: 30 September 2026
84	SIH26084	SOFTWARE	Convective scale nowcasting for Thunderstorms, Hail & Cloudbursts (06 hr) Convective storms, such as severe thunderstorms, hail, downburst winds, and cloudbursts are among India's deadliest natural hazard...	Disaster Management	Ministry of Earth Sciences (MoES) Due: 30 September 2026
85	SIH26085	SOFTWARE	Urban Flood Nowcasting System (Drainage and Rainfall Coupling) Urban flooding in major Indian metros like Mumbai, Delhi, and Chennai has become an annual crisis. Traditional Numerical Weather P...	Disaster Management	Ministry of Earth Sciences (MoES) Due: 30 September 2026
86	SIH26086	SOFTWARE	Hyperlocal Monsoon Onset & Break Prediction System (Block/Village Scale) The Indian Summer Monsoon dictates the economic livelihood of millions of farmers, particularly during the Kharif sowing season. W...	Agriculture, FoodTech & Rural Development	Ministry of Earth Sciences (MoES) Due: 30 September 2026
87	SIH26087	HARDWARE	AI & LMS - Enabled Cooperative Capacity Building, ERP & Employment Ecosystem Background The National Council for Cooperative Training (NCCT), through VAMNICOM, RICMs, and ICMs, conducts large-scale trainin...	Smart Education	Ministry of Cooperation Due: 30 September 2026
88	SIH26088	HARDWARE	Multilingual Cooperative Governance & Legal Assistance Chatbot Problem Statement Cooperative members, farmers, and rural stakeholders often lack awareness regarding cooperative laws, governme...	Agriculture, FoodTech & Rural Development	Ministry of Cooperation Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
89	SIH26089	SOFTWARE	Cooperative Gig Services Platform for Household & Community Services Background Labour Cooperative Federations and Labour Cooperative Societies possess a large pool of skilled workers such as elect...	Agriculture, FoodTech & Rural Development	Ministry of Cooperation Due: 30 September 2026
90	SIH26090	SOFTWARE	AI-Driven Market Linkage and Smart Cataloging Mobile Application for Marginalized Artisans Background The government actively supports the socio-economic upliftment of marginalized communities, particularly micro-entrepr...	Heritage & Culture	Ministry of Social Justice and Empowerment (MoSJE) Due: 30 September 2026
91	SIH26091	SOFTWARE	AI-Driven Hyper-Local Business Advisory and Financial Structuring Assistant for Rural Micro-Entrepreneurs Background The government actively promotes the economic empowerment of marginalized communities by providing concessional credi...	Agriculture, FoodTech & Rural Development	Ministry of Social Justice and Empowerment (MoSJE) Due: 30 September 2026
92	SIH26092	SOFTWARE	AI-Driven Scheme Matching for Marginalized Entrepreneurs Background To promote the socio-economic empowerment of the Scheduled Caste (SC) population, the government provides concessiona...	Smart Automation	Ministry of Social Justice and Empowerment (MoSJE) Due: 30 September 2026
93	SIH26093	SOFTWARE	AI-Based Real-Time Stress and Trauma Assessment Module for Victims/Complainants Accessing NHAA (14566) and Integrated Portal Background Victims and complainants belonging to Scheduled Castes and Scheduled Tribes who approach the National Helpline Agains...	MedTech / BioTech / HealthTech	Ministry of Social Justice and Empowerment (MoSJE) Due: 30 September 2026
94	SIH26094	SOFTWARE	AI-Powered Dynamic Mental Health Monitoring and Distress Prediction System for Victims of Atrocities Background Victims of atrocities frequently experience prolonged psychological distress after complaint registration due to thre...	MedTech / BioTech / HealthTech	Ministry of Social Justice and Empowerment (MoSJE) Due: 30 September 2026
95	SIH26095	SOFTWARE	Smart Real-Time Monitoring & Inspection Mobile App Problem Statement Develop a centralized mobile application for real-time monitoring, surprise inspections, CCTV surveillance int...	Smart Automation	Ministry of Social Justice and Empowerment (MoSJE) Due: 30 September 2026
96	SIH26096	HARDWARE	Digital Heritage Archive for Memorials, Manuscripts & Ambedkar: AI-Powered Institutional Archive and Audio-Visual Knowledge Platform Background Dr. B. R. Ambedkar's writings, speeches, constitutional debates, manuscripts, and historical contributions are spread...	Smart Education	Ministry of Social Justice and Empowerment (MoSJE) Due: 30 September 2026
97	SIH26097	SOFTWARE	AI-Driven voice Assistant for livelihood Mapping and NSQF-Aligned Skilling Recommendations for SC Communities under GIA component of PM-AJAY Background• The Pradhan Mantri Anusuchit Jaati Abhyuday Yojana (PM-AJAY) aims to reduce poverty among Scheduled Caste (SC) commu...	Agriculture, FoodTech & Rural Development	Ministry of Social Justice and Empowerment (MoSJE) Due: 30 September 2026
98	SIH26098	HARDWARE	Development of a Low-Cost Precision Guidance and Smart Electronic Fuze System for a 155 mm Artillery Shell Problem Title Design and Development of a Precision Guidance Kit with Canard Actuation and Multi-Mode Electronic Fuze for a 155...	Smart Vehicles	Ministry of Defence (MoD) Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
99	SIH26099	SOFTWARE	AI-Driven Standardization and Harmonization of Material Codes Across CPSEs Background Central Public Sector Enterprises (CPSEs) operating in sectors such as Oil & Gas, Power, Steel, Mining and Heavy Engi...	Smart Automation	Ministry of Petroleum & Natural Gas Due: 30 September 2026
100	SIH26100	SOFTWARE	AI-Powered Integrated Bid Compliance Verification Platform for GeM Procurement Background Government procurement through the Government e-Marketplace (GeM) involves verification of multiple statutory, regula...	Smart Automation	Ministry of Petroleum & Natural Gas Due: 30 September 2026
101	SIH26101	SOFTWARE	Develop an AI enabled learning platform that identifies competency gaps, recommends personalized training through integration with the iGOT Karmayogi ecosystem, and capable of generating Quizzes and Multiple choice questions (MCQs) from uploaded learning materials to strengthen capacity building in India's Official Statistical System. Background India's statistical system is undergoing rapid technology advancement with increasing adoption of Artificial Intellig...	Smart Education	MoSPI Due: 30 September 2026
102	SIH26102	SOFTWARE	Development of an AI-powered system to detect anomalies, fraud, and inefficiencies in MPLAD Scheme implementation regd. Background The Members of Parliament Local Area Development Scheme (MPLADS) is a Central Sector Scheme under which Hon'ble Membe...	Smart Automation	MoSPI Due: 30 September 2026
103	SIH26103	SOFTWARE	Use case on web-based integrated project-monitoring platform Background The Infrastructure & Project Monitoring Division (IPMD), Ministry of Statistics and Programme Implementation (MoSPI)...	Smart Automation	MoSPI Due: 30 September 2026
104	SIH26104	SOFTWARE	AI-Powered Real-Time Detection and Prevention of Voice Cloning Impersonation Attacks Background Recent advancements in generative AI and neural speech synthesis have made high-fidelity voice cloning possible from...	Blockchain & Cybersecurity	All India Council for Technical Education (Cyber Security Cell) Due: 30 September 2026
105	SIH26105	SOFTWARE	AI-Powered Continuous Cyber Risk Quantification and Investment Optimization Platform Background Enterprises and institutions invest heavily in cybersecurity tools, compliance programs, and risk management initiati...	Blockchain & Cybersecurity	All India Council for Technical Education (Cyber Security Cell) Due: 30 September 2026
106	SIH26106	SOFTWARE	AI-Powered Email Threat Detection, GeoLocation and Forensic Intelligence Platform Background Email continues to be one of the most widely used communication channels in government, education, banking, and enterp...	Blockchain & Cybersecurity	All India Council for Technical Education (Cyber Security Cell) Due: 30 September 2026
107	SIH26107	SOFTWARE	AI-powered Intelligent Assistant for Indian Standards and BIS Services for Industries and Consumers Background The Bureau of Indian Standards publishes thousands of Indian Standards and provides various services such as product...	Smart Automation	Ministry of Consumer Affairs, Food & Public Distribution Due: 30 September 2026
108	SIH26108	SOFTWARE	AI-Powered Recommendation Engine for Identifying Applicable Indian Standards for Procurement Specifications Background Government departments, Public Sector Enterprises (PSES), procurement agencies, and private organizations procure a wi...	Smart Automation	Ministry of Consumer Affairs, Food & Public Distribution Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
109	SIH26109	HARDWARE	AI-Based Predictive Modelling for Early Forecasting of Bovine Mastitis in Indian Dairy Farms Background Bovine mastitis is one of the most prevalent and economically significant diseases affecting dairy cattle and buffalo...	Agriculture, FoodTech & Rural Development	Ministry of Fisheries, Animal Husbandry & Dairying Due: 30 September 2026
110	SIH26110	HARDWARE	Development of a Low-Cost Light-weight Milk Chilling Can for Small-Scale Dairy Farmers Background Milk is a highly perishable agricultural product that begins to deteriorate rapidly after milking due to bacterial gr...	Agriculture, FoodTech & Rural Development	Ministry of Fisheries, Animal Husbandry & Dairying Due: 30 September 2026
111	SIH26111	SOFTWARE	Smart AI-Enabled Rapid Feed and Silage Quality Testing System for Dairy Farmers Background Animal nutrition directly affects milk production, animal health, reproductive performance, and dairy profitability....	Agriculture, FoodTech & Rural Development	Ministry of Fisheries, Animal Husbandry & Dairying Due: 30 September 2026
112	SIH26112	HARDWARE	Design and Develop a Modular Autonomous Mobile Robot (AMR) Platform for Smart Warehouse Automation Description Research and develop a concept design of a warehouse automation robot platform and a modular attachment for it, usin...	Robotics and Drones	Autodesk Due: 30 September 2026
113	SIH26113	HARDWARE	Human augmentation technologies are transforming healthcare, rehabilitation, industrial ergonomics, assistive living, sports, and personal mobility by improving human capabilities and enhancing quality of life. Description Students are required to conceptualize a Human Augmentation device or assembly of their choice using Autodesk Fusion...	MedTech / BioTech / HealthTech	Autodesk Due: 30 September 2026
114	SIH26114	SOFTWARE	Smart City Site Planning using Autodesk Forma Site Design Description• Students are tasked with designing a Smart City using Forma Site Design for effective site design for adding detail...	Miscellaneous	Autodesk Due: 30 September 2026
115	SIH26115	SOFTWARE	Design and Develop a Smart Mobile Medical-Waste Collection and Segregation System Description Healthcare facilities generate large volumes of biomedical waste that require safe, compliant, and efficient handlin...	MedTech / BioTech / HealthTech	Autodesk Due: 30 September 2026
116	SIH26116	SOFTWARE	Urban Mixed-Use Design Challenge-Design a centrally located mixed-use building in Autodesk Revit with commercial spaces (Ground + 1st floor) and residential units (up to 8 floors). 1 Level of Basement (Car Parking + EV Charging), Total (B+G+9)(Note: Plot size and all required dimensions may be assumed by students (in mm units)). Description• Facade-Driven Architectural Expression-Develop an innovative facade system that enhances architectural aesthetics,...	Miscellaneous	Autodesk Due: 30 September 2026
117	SIH26117	SOFTWARE	Sovereign On-Premise Agentic AI Workbench using Open-Weight Multimodal LLMs for Confidential Industrial Work Background Refineries, PSUs, defence-linked manufacturing units and government offices generate a lot of routine but sensitive k...	Smart Automation	Mangalore Refinery and Petrochemicals Limited (MRPL) Due: 30 September 2026
118	SIH26118	HARDWARE	Passive Colorimetric H2S Exposure-Dosimeter Wristband with AI-Based Quantitative Reading	Smart Automation	Mangalore Refinery and Petrochemicals Limited (MRPL)

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
			Background Workers in oil and gas operations face chronic low-level H2S exposure. Standard electronic gas detectors miss this ri...		Due: 30 September 2026
119	SIH26119	SOFTWARE	Indigenous GPU-Accelerated Optimization Solver (Sovereign Alternative to Express / CEPLEX) Background Almost every optimization problem in India's refining, petrochemical, power, logistics, manufacturing and planning se...	Smart Automation	Mangalore Refinery and Petrochemicals Limited (MRPL) Due: 30 September 2026
120	SIH26120	SOFTWARE	Digital Twin for Well-to-Surface Optimization of Cyclic Steam Stimulation (CSS) and Sucker Rod Pump (SRP) Operations for Heavy Oil Wells of Baghewala Field. Background Baghewala Field in Rajasthan produces heavy crude oil (17â€"19Â° API) from the Jodhpur Sandstone reservoir. The reser...	Smart Automation	Oil India Limited Due: 30 September 2026
121	SIH26121	SOFTWARE	eRTMAC-NWIS (Nearby Wells Intelligence System): An AI-Powered Offset Well Knowledge and Decision Support Platform for Drilling Operations Background Oil India Limited has a digital real-time monitoring system (eRTMAC) that provides real-time drilling data, mud loggi...	Smart Automation	Oil India Limited Due: 30 September 2026
122	SIH26122	SOFTWARE	Intelligent Data Capture & Schedule-Linking Layer for Infrastructure Project Management: Real-Time Actual Progress Tracking (Planning-to-Execution Bridge) Background Infrastructure project schedules cascade from macro milestones (L1) down to micro, executable activities (L5/L6),span...	Smart Automation	Oil India Limited Due: 30 September 2026
123	SIH26123	SOFTWARE	Edge-AI Based Distributed Fleet Coordination for Autonomous Mobile Robots (AMRs) in Smart Warehouses Background Modern smart warehouses rely on fleets of Autonomous Mobile Robots (AMRs) to move goods efficiently. As fleet sizes g...	Smart Automation	Bharat Electronics Limited Due: 30 September 2026
124	SIH26124	SOFTWARE	AI-Powered Mobile Urban Intelligence Platform Using Public Transport Fleet Background Urban public transport buses traverse almost every major road in a city every day. Modern buses are increasingly equi...	Smart Automation	Bharat Electronics Limited Due: 30 September 2026
125	SIH26125	SOFTWARE	Blockchain-Based Secure Platform for Identity, Access Control, and Digital Asset Management Background Organizations today rely heavily on centralized identity and access management systems, which create significant secu...	Blockchain & Cybersecurity	Bharat Electronics Limited Due: 30 September 2026
126	SIH26126	SOFTWARE	Vision Based Autonomous Navigation for Unmanned Ground Vehicle for Outdoor environment Background Outdoor Unmanned Ground Vehicles (UGVs) face unpredictable terrain, changing light, and unreliable GPS signals. To ac...	Smart Automation	Bharat Electronics Limited Due: 30 September 2026
127	SIH26127	SOFTWARE	City-Wide AI Engine for Multi-Camera ANPR Trajectory Tracking and Urban Traffic Analytics Background Modern urban centers deploy vast networks of CCTV and Automatic Number Plate Recognition(ANPR) cameras to manage traf...	Smart Automation	Bharat Electronics Limited Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
128	SIH26128	SOFTWARE	Efficient systems for early detection,prevention,and management of livestock diseases and animal health issues • Problem Description Livestock owners, field veterinarians,para-veterinary workers and government departments often lack a unifie...	MedTech / BioTech / HealthTech	Government Of Maharashtra Due: 30 September 2026
129	SIH26129	SOFTWARE	System integration and interoperability among government digital platforms,resulting in fragmented service delivery • Problem Description Government departments operate multiple portals, mobile applications,registries, workflow systems and databa...	Miscellaneous	Government Of Maharashtra Due: 30 September 2026
130	SIH26130	SOFTWARE	Efficiency in streamlining industrial approvals,compliance processes,and access to government support services • Problem Description Entrepreneurs and industrial units may need to obtain multiple registrations,permissions, licences, no-objec...	Miscellaneous	Government Of Maharashtra Due: 30 September 2026
131	SIH26131	SOFTWARE	Early detection and management of crop diseases and pest infestations • Problem Description Farmers often recognise crop diseases or pest infestations only after visible damage has spread. Extension s...	Agriculture, FoodTech & Rural Development	Government Of Maharashtra Due: 30 September 2026
132	SIH26132	SOFTWARE	Strengthening market linkages and price discovery for farmers • Problem Description Many farmers, especially smallholders and producer groups, have limited visibility of current and expected p...	Agriculture, FoodTech & Rural Development	Government Of Maharashtra Due: 30 September 2026
133	SIH26133	SOFTWARE	Accessibility and quality of public healthcare services,particularly in rural and underserved areas • Problem Description Rural and underserved communities may face long travel distances,shortages of specialists, irregular diagnos...	MedTech / BioTech / HealthTech	Government Of Maharashtra Due: 30 September 2026
134	SIH26134	SOFTWARE	Challenges in aligning skill development programs with industry requirements and emerging job market demands • Problem Description Skill-development programmes may be designed using broad or historical occupation categories that do not ful...	Miscellaneous	Government Of Maharashtra Due: 30 September 2026
135	SIH26135	SOFTWARE	Difficulties in tracking employment outcomes,skill gaps, and the impact of skilling initiatives • Problem Description Training systems frequently capture enrolment, attendance, assessment and certification, but reliable inform...	Miscellaneous	Government Of Maharashtra Due: 30 September 2026
136	SIH26136	SOFTWARE	Startup friendly public procurement mechanism that enables government departments to identify,pilot, procure,and scale innovative solutions from eligible startups • Problem Description Government departments often face operational problems that could benefit from innovative startup solutions,...	Miscellaneous	Government Of Maharashtra Due: 30 September 2026
137	SIH26137	SOFTWARE	Quantum-Inspired Intelligent Traffic Route Optimization in Transportation Systems Using Metaheuristic Optimization Background Modern urban transportation networks face persistent challenges of traffic congestion, inefficient route planning, and...	Transportation & Logistics	Egreen Quanta Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
138	SIH26138	SOFTWARE	Quantum-Inspired Fuel Consumption Prediction and Green Fleet Optimization Background The maritime and logistics industries are under increasing pressure to reduce greenhouse gas emissions while maintainin...	Clean & Green Technology	Egreen Quanta Due: 30 September 2026
139	SIH26139	SOFTWARE	Hybrid Quantum Machine Learning Platform for Early Disease Detection Background Early and accurate detection of diseases significantly improves treatment outcomes and reduces healthcare costs. Classi...	MedTech / BioTech / HealthTech	Egreen Quanta Due: 30 September 2026
140	SIH26140	SOFTWARE	AI-Based Interactive Quantum Algorithm Learning Platform Background Quantum computing is a transformative technology with significant impact across scientific and industrial domains. Howe...	Smart Education	Egreen Quanta Due: 30 September 2026
141	SIH26141	SOFTWARE	Quantum-Inspired Cyber Threat Detection for Digital Signature Security Background The rapid advancement of quantum computing poses a serious threat to classical public-key cryptographic systems such as...	Blockchain & Cybersecurity	Egreen Quanta Due: 30 September 2026
142	SIH26142	SOFTWARE	Deep Learning Based Super Resolution Mapping (SRM) from Medium Resolution Satellite Imageries • Background Medium-resolution satellite imagery, typically ranging from 10 to 30 meters, is widely used in change detection, agri...	Space Technology	National Technical Research Organisation (NTRO) Due: 30 September 2026
143	SIH26143	SOFTWARE	Leveraging satellite imagery to determine Oil spills at sea along with AIS data correlations to identify vessel responsible for the spill. • Background Marine oil spills inflict great damage on marine ecosystems and several times remains un-attributable to the vessel c...	Disaster Management	National Technical Research Organisation (NTRO) Due: 30 September 2026
144	SIH26144	HARDWARE	Design & Development of a High-Sensitivity Micro barometer Infrasound sensor • Background The Infrasound sensors are precision instruments designed to detect and measure low frequency atmospheric pressure wa...	Smart Automation	National Technical Research Organisation (NTRO) Due: 30 September 2026
145	SIH26145	SOFTWARE	AI-Based Detection of Cyber Threats in Unidirectional IP Traffic • Background Critical-infrastructure operators observe their gateway and peering links using passive mirroring or hardware data di...	Blockchain & Cybersecurity	National Technical Research Organisation (NTRO) Due: 30 September 2026
146	SIH26146	SOFTWARE	AI-Powered Monitoring & Analysis of Bitcoin Transaction Traffic • Background Bitcoin's pseudonymous, peer-to-peer design lets criminal actors move, layer, and cash out illicit funds â€” ransomwa...	Blockchain & Cybersecurity	National Technical Research Organisation (NTRO) Due: 30 September 2026
147	SIH26147	SOFTWARE	Automated model for analysis of .IQ and .wav files along with signal parameter extraction • Background The raw data for analysis of signal collected off the air typically range from few Khz to Ghz bands. The analysis is...	Space Technology	National Technical Research Organisation (NTRO) Due: 30 September 2026

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148	SIH26148	SOFTWARE	Creation of scripts/functions with new programming language to commence Computer & Network forensic analysis without triggering security solutions Background Modern antivirus solutions restrict proprietary software from executing or creating custom scripts designed to analyz...	Blockchain & Cybersecurity	National Technical Research Organisation (NTRO) Due: 30 September 2026
149	SIH26149	SOFTWARE	Design and Development of an Integrated Secure Data Erasure and Advanced File Recovery Tool for Digital Forensics and Data Sanitization Background With the rapid growth of digital storage technologies, organizations, government agencies, law enforcement units, ent...	Blockchain & Cybersecurity	National Technical Research Organisation (NTRO) Due: 30 September 2026
150	SIH26150	SOFTWARE	Development of a Multi-Vendor DVR/NVR Forensic Analysis Tool for Standardized Acquisition, Recovery, and Analysis of Surveillance Evidence. Background Digital/Network Video Recorders (DVR/NVRs) are widely used for surveillance in government agencies, law enforcement,...	Blockchain & Cybersecurity	National Technical Research Organisation (NTRO) Due: 30 September 2026
151	SIH26151	SOFTWARE	Dark web threat actor de-anonymization Background The dark web has become a preferred operating space for threat actors in the modern age, mainly because it lets them...	Blockchain & Cybersecurity	National Technical Research Organisation (NTRO) Due: 30 September 2026
152	SIH26152	SOFTWARE	Social Media Analytics Background Social media platforms are complex ecosystems driven by human emotion, diverse demographics, and interconnected netwo...	Blockchain & Cybersecurity	National Technical Research Organisation (NTRO) Due: 30 September 2026
153	SIH26153	SOFTWARE	AI based Network Attack Forecasting from Network Traffic Data Background This challenge seeks AI systems capable of learning network behaviour, anticipating attacker progression and supporti...	Blockchain & Cybersecurity	National Technical Research Organisation (NTRO) Due: 30 September 2026
154	SIH26154	SOFTWARE	Gen AI Platform for Automated Content Transformation Background Organisations frequently need to convert information available in different forms such as news articles, reports, adv...	Blockchain & Cybersecurity	National Technical Research Organisation (NTRO) Due: 30 September 2026
155	SIH26155	SOFTWARE	AI-Driven Multi-Vendor Network Security Compliance Auditor Background Modern enterprise networks are inherently heterogeneous, consisting of a vast array of hardware from diverse vendors....	Blockchain & Cybersecurity	National Technical Research Organisation (NTRO) Due: 30 September 2026
156	SIH26156	SOFTWARE	Universal Log Pre-processing Framework Background Modern enterprises generate massive volumes of logs from a wide range of sources, including network devices, servers,...	Blockchain & Cybersecurity	National Technical Research Organisation (NTRO) Due: 30 September 2026
157	SIH26157	SOFTWARE	Supervisory Analytics Tool for SOC Assessment (SAT-SA) The National Critical Information Infrastructure Protection Centre (NCIIPC) assesses the cyber resilience of Critical Sector Entit...	Blockchain & Cybersecurity	National Technical Research Organisation (NTRO) Due: 30 September 2026
158	SIH26158	SOFTWARE	Single-Pass Drone Video to Accurate 3D Model Generation System Background:Generation of accurate 3D models of buildings, infrastructure, terrain, and objects typically requires multiple drone...	Robotics and Drones	National Technical Research Organisation (NTRO) Due: 30 September 2026

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159	SIH26159	SOFTWARE	SecureMailScope: AI-Assisted Cryptographic Security Posture Assessment for Secure Email Communications Background Electronic mail remains one of the most critical communication services for governments, enterprises, financial insti...	Blockchain & Cybersecurity	National Technical Research Organisation (NTRO) Due: 30 September 2026
160	SIH26160	SOFTWARE	AI-Powered IPsec VPN Protocol Analyzer and Security Assessment Framework Background Virtual Private Networks (VPNs) are fundamental to secure communication over untrusted networks. Among the available...	Blockchain & Cybersecurity	National Technical Research Organisation (NTRO) Due: 30 September 2026
161	SIH26161	SOFTWARE	Dam Break Inundation Modelling Using Hydrodynamic Modelling of any River Background In India, due to natural disaster various natural dam / lake formations were observed which can be a major reason of...	Disaster Management	National Technical Research Organisation (NTRO) Due: 30 September 2026
162	SIH26162	SOFTWARE	AI-Based Detection and Classification of Industrial Fires and Persistent Thermal Sources Using NASA FIRMS, OSM & Satellite Data Background Industrial facilities generate thermal signatures that can be observed from space, but current satellite-based monito...	Disaster Management	National Technical Research Organisation (NTRO) Due: 30 September 2026
163	SIH26163	SOFTWARE	Security Assessment of the World Monitor application Background The world Monitor application is a Web/ Mobile platform that provides users with real-time monitoring, analytics, and...	Smart Automation	National Technical Research Organisation (NTRO) Due: 30 September 2026
164	SIH26164	SOFTWARE	Enterprise Cryptographic Discovery & Analysis Tool (ECDAT) Background Transitioning to Post Quantum Cryptography based solutions requires preparedness, risk assessment and financial and o...	Blockchain & Cybersecurity	National Technical Research Organisation (NTRO) Due: 30 September 2026
165	SIH26165	SOFTWARE	AI/NLP Engine to Detect Serious Injury & Fatality (SIF) Precursors in OIL's Unsafe-Act/Unsafe-Condition and Near-Miss Reports Background OIL collects large volumes of UA/UC observations, near-miss and incident reports through its HSSE platform but these...	Smart Automation	Oil India Limited Due: 30 September 2026
166	SIH26166	SOFTWARE	Multi-modal, Sun angle and scale invariant image correspondence using Chandrayaan-2 optical images (OHRC, TMC and IIRS) Background Image Registration is the process of aligning two or more images of the same scene taken at different times, from diffe...	Space Technology	Indian Space Research Organisation(ISRO) Due: 30 September 2026
167	SIH26167	SOFTWARE	SatQuery AI - An Interactive Vision-Language Assistant for Multimodal Remote Sensing Image Analysis through Text Queries Background Remote-sensing imagery is widely used for agricultural monitoring, disaster management, urban planning, forest monitori...	Space Technology	Indian Space Research Organisation(ISRO) Due: 30 September 2026
168	SIH26168	SOFTWARE	AI-ML based Intelligent Dead Reckoning system for seamless navigation Background Vehicle logistics, ride-hailing services, quick commerce and emergency responders heavily rely on smartphone-based navi...	Smart Vehicles	Indian Space Research Organisation(ISRO) Due: 30 September 2026
169	SIH26169	SOFTWARE	Development of an AI-Based Virtual Camera Tracking System for Coarse Alignment of Mobile Free Space	Smart Automation	Indian Space Research Organisation(ISRO)

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			Optical Communication (FSOC) Terminals Background Free Space Optical Communication (FSOC) offers unprecedented advantages for next-generation mobile networks, including...		Due: 30 September 2026
170	SIH26170	SOFTWARE	AI-Driven Anomaly Detection in Component Burn-In & Screening Background In high-reliability sectors (like space) electronic components undergo rigorous environmental stress screening (ESS), i...	Smart Automation	Indian Space Research Organisation(ISRO) Due: 30 September 2026
171	SIH26171	SOFTWARE	On-device Visual Perception for Light-weight Browser Agents Background AI agents are becoming omnipresent in the current era and can play an important role in our digital interactions. If an...	Smart Automation	Indian Space Research Organisation(ISRO) Due: 30 September 2026
172	SIH26172	HARDWARE	Low Latency and Efficient Voice Activator for Edge Devices Background As voice-controlled IoT proliferate, processing everything in the cloud is too costly, privacy-invasive, and slow. The...	Smart Automation	Indian Space Research Organisation(ISRO) Due: 30 September 2026
173	SIH26173	SOFTWARE	iTantra -Indian Multilingual TTS & STT Aided Neural Transceiver Radio Access for low bitrate links Background As vocal audio information is very data intensive making it difficult to transmit through low data rate links. In alert...	Smart Automation	Indian Space Research Organisation(ISRO) Due: 30 September 2026
174	SIH26174	SOFTWARE	AI Human Activity Recognition for On-board BAS Experiments Background As humanity aims for space missions such as BAS and lunar missions, real-time ground support becomes impossible due to...	Space Technology	Indian Space Research Organisation(ISRO) Due: 30 September 2026
175	SIH26175	SOFTWARE	DepthWizard - Single-View Height Estimation and 3D Flythrough Background Accurate Digital Elevation Models (DEMs) and Digital Surface Models (DSMs) are fundamental to urban planning, disaster...	Disaster Management	Indian Space Research Organisation(ISRO) Due: 30 September 2026
176	SIH26176	SOFTWARE	ORCA Marine EcOsystem Reasoning with Collaborative Agents Background The marine ecosystem plays a vital role in supporting livelihoods, food security, biodiversity, maritime transportation...	Disaster Management	Indian Space Research Organisation(ISRO) Due: 30 September 2026
177	SIH26177	HARDWARE	A deployable AI-powered autonomous drone that aids search-and-rescue operations by detecting people and hazards, thereby improving responder safety and reducing victim discovery time. Background India is highly vulnerable to natural disasters including floods, cyclones, earthquakes, landslides, and flash floods, w...	Robotics and Drones	Qualcomm Inc Due: 30 September 2026
178	SIH26178	HARDWARE	A resilient, AI-powered environmental monitoring network that provides early detection, localized intelligence, and actionable alerts for floods, forest fires, pollution events, and other environmental hazards common in India, enabling authorities and communities to shift from reactive disaster response to proactive risk prevention. Background India faces a growing range of environmental and climate-related risks including urban flooding, river floods, cyclones...	Disaster Management	Qualcomm Inc Due: 30 September 2026
179	SIH26179	HARDWARE	To build an AI-powered retail intelligence platform that delivers real-time shopper analytics, automated	Miscellaneous	Qualcomm Inc

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			inventory visibility, and proactive queue management through on-device AI, enabling retailers to reduce stock-outs, improve customer experience, optimize staffing, and increase operational efficiency while maintaining privacy and minimizing cloud dependency. Background India's retail sector includes millions of neighborhood stores, supermarkets, pharmacies, and large-format retail outlet...		Due: 30 September 2026
180	SIH26180	HARDWARE	A field-deployable AI-powered Smart Farming Assistant that helps farmers detect crop diseases, pests, nutrient deficiencies, and irrigation needs at an early stage, while improving resilience against droughts, floods, heat waves, and other agricultural risks common in India. The solution should enable higher yields, lower input costs, more efficient water usage, and faster response to emerging threats through real-time on-device intelligence. Background Agriculture remains a primary livelihood for millions of people in India, but farmers face recurring challenges from dr...	Agriculture, FoodTech & Rural Development	Qualcomm Inc Due: 30 September 2026
181	SIH26181	HARDWARE	A secure, AI-powered Personal Health Companion that delivers real-time, privacy-preserving health monitoring and early warning capabilities, helping individuals recognize health risks before they become emergencies. The solution should improve resilience during heat waves, floods, pollution events, and other disasters common in India while enabling continuous health support through on-device intelligence. Background India faces recurring public health challenges during and after disasters such as heat waves, floods, cyclones, air pol...	MedTech / BioTech / HealthTech	Qualcomm Inc Due: 30 September 2026
182	SIH26182	SOFTWARE	Automated Attribution of Unknown Cryptocurrency Wallets to Nearest Virtual Asset Service Providers (VASPs) through Blockchain Intelligence APIs • Background The rapid adoption of Virtual Digital Assets (VDAs) and decentralized blockchain ecosystems has significantly increas...	Blockchain & Cybersecurity	Ministry of Home Affairs Due: 30 September 2026
183	SIH26183	SOFTWARE	Real-Time Identification of Fraud-Linked Cryptocurrency Exchanges from Victim-Reported Suspect Wallet Addresses through Automated Blockchain Analytics • Background Cyber fraud victims increasingly report suspect cryptocurrency wallet addresses used by fraudsters for collection of...	Blockchain & Cybersecurity	Ministry of Home Affairs Due: 30 September 2026
184	SIH26184	SOFTWARE	Development of a Predictive Analytics Framework for Cybercrime Complaints to Forecast Likely Cash Withdrawal Locations in Advance, Enabling Generation of Actionable Intelligence for Timely and Proactive Cybercrime Intervention. • Background The National Cybercrime Reporting Portal is the centralized Portal, which is serving the whole country. Currently, th...	Blockchain & Cybersecurity	Ministry of Home Affairs Due: 30 September 2026
185	SIH26185	HARDWARE	Helmet mounted conformal antenna for tactical communications in urban CQB environments. • Background During high-intensity urban counter-terrorism (CT) and Close-Quarter Battle (CQB) operations, the National Security G...	Robotics and Drones	Ministry of Home Affairs Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
186	SIH26186	SOFTWARE	AI-Based Predictive Personnel Stress and Welfare Monitoring System for Uniformed Forces Background Personnel serving in Central Armed Police Forces (CAPFs), Armed Forces, and other uniformed services operate under ph...	MedTech / BioTech / HealthTech	Ministry of Home Affairs Due: 30 September 2026
187	SIH26187	SOFTWARE	AI-Based Intelligent Video Analytics Platform for Border Surveillance using existing CCTV Infrastructure. Background Border security forces deploy CCTV cameras at Border Out Posts(BOPs), check posts, border roads, and other strategic...	Blockchain & Cybersecurity	Ministry of Home Affairs Due: 30 September 2026
188	SIH26188	SOFTWARE	AI-Based Fake Identity & Document Screening System Background Common challenges faced at border checkpoints:• Fake passports and visas• Altered photographs• Modified dates of birt...	Blockchain & Cybersecurity	Ministry of Home Affairs Due: 30 September 2026
189	SIH26189	SOFTWARE	AI-Powered Criminal Network Analysis System Background Modern criminal activities are increasingly organized and interconnected. Criminals often operate through networks in...	Blockchain & Cybersecurity	Ministry of Home Affairs Due: 30 September 2026
190	SIH26190	SOFTWARE	Secure Digital Document Management System for Legal and Investigation Documents Background Law enforcement agencies, courts, legal departments, and investigative organizations handle vast amounts of sensitive...	Blockchain & Cybersecurity	Ministry of Home Affairs Due: 30 September 2026
191	SIH26191	SOFTWARE	Intelligent Identification of Hazard-Based Red Zones, Carrying Capacity Assessment, and Immediate Relocation Needs for Vulnerable Habitations Background India's disaster-prone regions face recurring hazards such as landslides,floods, coastal erosion, and cloudbursts. Vu...	Disaster Management	Ministry of Home Affairs Due: 30 September 2026
192	SIH26192	SOFTWARE	Flash Flood Prediction System for Hilly Regions using Multi-Source Data Theme Background Hilly states in India are highly vulnerable to landslides and flash floods,which often occur with very short warning...	Disaster Management	Ministry of Home Affairs Due: 30 September 2026
193	SIH26193	SOFTWARE	Student Innovation-Developing solutions, keeping in mind the need to enhance the primary sector of India - Agriculture and to manage and process our agriculture produce. Student Innovation-Developing solutions, keeping in mind the need to enhance the primary sector of India - Agriculture and to mana...	Agriculture, FoodTech & Rural Development	AICTE Due: 30 September 2026
194	SIH26194	SOFTWARE	Student Innovation-Provide ideas in a decentralized and distributed ledger technology used to store digital information that powers cryptocurrencies and NFTs and can radically change multiple sectors. Student Innovation-Provide ideas in a decentralized and distributed ledger technology used to store digital information that power...	Blockchain & Cybersecurity	AICTE Due: 30 September 2026
195	SIH26195	SOFTWARE	Student Innovation-Solutions could be in the form of waste segregation, disposal, and improve sanitization system. Student Innovation-Solutions could be in the form of waste segregation, disposal, and improve sanitization system.	Clean & Green Technology	AICTE Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
196	SIH26196	SOFTWARE	Student Innovation-Ideas that can boost fitness activities and assist in keeping fit. Student Innovation-Ideas that can boost fitness activities and assist in keeping fit.	Fitness & Sports	AICTE Due: 30 September 2026
197	SIH26197	SOFTWARE	Student Innovation-Ideas that showcase the rich cultural heritage and traditions of India. Student Innovation-Ideas that showcase the rich cultural heritage and traditions of India.	Heritage & Culture	AICTE Due: 30 September 2026
198	SIH26198	SOFTWARE	Student Innovation-Cutting-edge technology in these sectors continues to be in demand. Recent shifts in healthcare trends, growing populations also present an array of opportunities for innovation. Student Innovation-Cutting-edge technology in these sectors continues to be in demand. Recent shifts in healthcare trends, growing...	MedTech / BioTech / HealthTech	AICTE Due: 30 September 2026
199	SIH26199	SOFTWARE	Student Innovation-Technology ideas in tertiary sectors like Hospitality, Financial Services, Entertainment and Retail. Student Innovation-Technology ideas in tertiary sectors like Hospitality, Financial Services, Entertainment and Retail.	Miscellaneous	AICTE Due: 30 September 2026
200	SIH26200	SOFTWARE	Student Innovation-Innovative ideas that help manage and generate renewable /sustainable sources more efficiently Student Innovation-Innovative ideas that help manage and generate renewable /sustainable sources more efficiently	Renewable / Sustainable Energy	AICTE Due: 30 September 2026
201	SIH26201	SOFTWARE	Student Innovation-There is a need to design drones and robots that can solve some of the pressing challenges of India such as handling medical emergencies, search and rescue operations, etc. Student Innovation-There is a need to design drones and robots that can solve some of the pressing challenges of India such as han...	Robotics and Drones	AICTE Due: 30 September 2026
202	SIH26202	SOFTWARE	Student Innovation-Ideas focused on the intelligent use of resources for transforming and advancements of technology with combining the artificial intelligence to explore more various sources and get valuable insights. Student Innovation-Ideas focused on the intelligent use of resources for transforming and advancements of technology with combinin...	Smart Automation	AICTE Due: 30 September 2026
203	SIH26203	SOFTWARE	Student Innovation-Creating intelligent devices to improve commutation sector. Student Innovation-Creating intelligent devices to improve commutation sector.	Smart Vehicles	AICTE Due: 30 September 2026
204	SIH26204	SOFTWARE	Student Innovation-A solution/idea that can boost the current situation of the tourism industries including hotels, travel and others. Student Innovation-A solution/idea that can boost the current situation of the tourism industries including hotels, travel and oth...	Travel & Tourism	AICTE Due: 30 September 2026
205	SIH26205	SOFTWARE	Student Innovation-Submit your ideas to address the growing pressures on the city's resources, transport networks, and logistic infrastructure. Student Innovation-Submit your ideas to address the growing pressures on the city's resources, transport networks, and logistic in...	Transportation & Logistics	AICTE Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
206	SIH26206	SOFTWARE	Student Innovation-Disaster management includes ideas related to risk mitigation, Planning and management before, after or during a disaster. Student Innovation-Disaster management includes ideas related to risk mitigation, Planning and management before, after or during...	Disaster Management	AICTE Due: 30 September 2026
207	SIH26207	SOFTWARE	Student Innovation-Smart education,a concept that describes learning in digital age. It enables learners to learn more effectively, efficiently, flexibly and comfortably. Student Innovation-Smart education,a concept that describes learning in digital age. It enables learners to learn more effectively...	Smart Education	AICTE Due: 30 September 2026
208	SIH26208	SOFTWARE	Student Innovation-Challenge your creative mind to conceptualize and develop unique toys and games based on our civilization, history, and culture etc. Student Innovation-Challenge your creative mind to conceptualize and develop unique toys and games based on our civilization, hist...	Toys & Games	AICTE Due: 30 September 2026
209	SIH26209	SOFTWARE	Student Innovation-Space technology refers to the application of engineering principles to the design, development, manufacture, and operation of devices and systems for space travel and exploration. Student Innovation-Space technology refers to the application of engineering principles to the design, development, manufacture, a...	Space Technology	AICTE Due: 30 September 2026
210	SIH26210	HARDWARE	Student Innovation-Developing solutions, keeping in mind the need to enhance the primary sector of India - Agriculture and to manage and process our agriculture produce. Student Innovation-Developing solutions, keeping in mind the need to enhance the primary sector of India - Agriculture and to mana...	Agriculture, FoodTech & Rural Development	AICTE Due: 30 September 2026
211	SIH26211	HARDWARE	Student Innovation-Provide ideas in a decentralized and distributed ledger technology used to store digital information that powers cryptocurrencies and NFTs and can radically change multiple sectors. Student Innovation-Provide ideas in a decentralized and distributed ledger technology used to store digital information that power...	Blockchain & Cybersecurity	AICTE Due: 30 September 2026
212	SIH26212	HARDWARE	Student Innovation-Solutions could be in the form of waste segregation, disposal, and improve sanitization system. Student Innovation-Solutions could be in the form of waste segregation, disposal, and improve sanitization system.	Clean & Green Technology	AICTE Due: 30 September 2026
213	SIH26213	HARDWARE	Student Innovation-Ideas that can boost fitness activities and assist in keeping fit. Student Innovation-Ideas that can boost fitness activities and assist in keeping fit.	Fitness & Sports	AICTE Due: 30 September 2026
214	SIH26214	HARDWARE	Student Innovation-Ideas that showcase the rich cultural heritage and traditions of India. Student Innovation-Ideas that showcase the rich cultural heritage and traditions of India.	Heritage & Culture	AICTE Due: 30 September 2026
215	SIH26215	HARDWARE	Student Innovation-Cutting-edge technology in these sectors continues to be in demand. Recent shifts in healthcare trends, growing populations also present an array of opportunities for innovation.	MedTech / BioTech / HealthTech	AICTE Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
			Student Innovation-Cutting-edge technology in these sectors continues to be in demand. Recent shifts in healthcare trends, growing...		
216	SIH26216	HARDWARE	Student Innovation-Technology ideas in tertiary sectors like Hospitality, Financial Services, Entertainment and Retail. Student Innovation-Technology ideas in tertiary sectors like Hospitality, Financial Services, Entertainment and Retail.	Miscellaneous	AICTE Due: 30 September 2026
217	SIH26217	HARDWARE	Student Innovation-Innovative ideas that help manage and generate renewable /sustainable sources more efficiently Student Innovation-Innovative ideas that help manage and generate renewable /sustainable sources more efficiently	Renewable / Sustainable Energy	AICTE Due: 30 September 2026
218	SIH26218	HARDWARE	Student Innovation-There is a need to design drones and robots that can solve some of the pressing challenges of India such as handling medical emergencies, search and rescue operations, etc. Student Innovation-There is a need to design drones and robots that can solve some of the pressing challenges of India such as han...	Robotics and Drones	AICTE Due: 30 September 2026
219	SIH26219	HARDWARE	Student Innovation-Ideas focused on the intelligent use of resources for transforming and advancements of technology with combining the artificial intelligence to explore more various sources and get valuable insights. Student Innovation-Ideas focused on the intelligent use of resources for transforming and advancements of technology with combinin...	Smart Automation	AICTE Due: 30 September 2026
220	SIH26220	HARDWARE	Student Innovation-Creating intelligent devices to improve commutation sector. Student Innovation-Creating intelligent devices to improve commutation sector.	Smart Vehicles	AICTE Due: 30 September 2026
221	SIH26221	HARDWARE	Student Innovation-A solution/idea that can boost the current situation of the tourism industries including hotels, travel and others. Student Innovation-A solution/idea that can boost the current situation of the tourism industries including hotels, travel and oth...	Travel & Tourism	AICTE Due: 30 September 2026
222	SIH26222	HARDWARE	Student Innovation-Submit your ideas to address the growing pressures on the city's resources, transport networks, and logistic infrastructure. Student Innovation-Submit your ideas to address the growing pressures on the city's resources, transport networks, and logistic in...	Transportation & Logistics	AICTE Due: 30 September 2026
223	SIH26223	HARDWARE	Student Innovation-Disaster management includes ideas related to risk mitigation, Planning and management before, after or during a disaster. Student Innovation-Disaster management includes ideas related to risk mitigation, Planning and management before, after or during...	Disaster Management	AICTE Due: 30 September 2026
224	SIH26224	HARDWARE	Student Innovation-Smart education,a concept that describes learning in digital age. It enables learners to learn more effectively, efficiently, flexibly and comfortably. Student Innovation-Smart education,a concept that describes learning in digital age. It enables learners to learn more effectively...	Smart Education	AICTE Due: 30 September 2026

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
225	SIH26225	HARDWARE	Student Innovation-Challenge your creative mind to conceptualize and develop unique toys and games based on our civilization, history, and culture etc. Student Innovation-Challenge your creative mind to conceptualize and develop unique toys and games based on our civilization, hist...	Toys & Games	AICTE Due: 30 September 2026
226	SIH26226	HARDWARE	Student Innovation-Space technology refers to the application of engineering principles to the design, development, manufacture, and operation of devices and systems for space travel and exploration. Student Innovation-Space technology refers to the application of engineering principles to the design, development, manufacture, a...	Space Technology	AICTE Due: 30 September 2026
227	SIH26227	SOFTWARE	Semantic Retrieval and Multi-Temporal Change Analysis of Satellite Imagery. Description 2.1. Background. Earth-observation archives are expanding rapidly and increasingly contain multi-temporal, multi-spect...	Space Technology	Ministry of defence (MoD) Due: 30 September 2026
228	SIH26228	SOFTWARE	Trustworthy Computer Vision Integrity Assurance for Data, Models and Inference Outputs in Multi-Contributor Pipelines 2. Description. 2.1. Background. Operational computer vision pipelines may combine training data from multiple contributors, pretr...	Blockchain & Cybersecurity	Ministry of defence (MoD) Due: 30 September 2026
229	SIH26229	SOFTWARE	Kabadiwala Connect - Bringing the Informal Collector into the Formal Recycling Chain The overwhelming majority of India's end-of-life electronics is collected through informal scrap dealers, waste-pickers, and local...	Clean & Green Technology	Ministry of Mines (MoM) Due: 30 September 2026
230	SIH26230	HARDWARE	Breath-Based Detection Device for Drug Consumption Law enforcement agencies currently lack a reliable, portable, non-invasive method to detect recent drug consumption in the field,...	MedTech / BioTech / HealthTech	Ministry of Home Affairs Due: 30 September 2026
231	SIH26231	SOFTWARE	Digital Companion for Field Drug Testing Field drug-testing kits currently in use rely on visual interpretation of a colour-change reaction. This makes results subjective,...	MedTech / BioTech / HealthTech	Ministry of Home Affairs Due: 30 September 2026
232	SIH26232	HARDWARE	Low-Cost IoT Block chain Nodes for Farm-to-Fork Traceability Global export markets demand strict compliance with international traceability standards to combat food fraud and track contaminat...	Agriculture, FoodTech & Rural Development	Ministry of Food Processing Industries (MoFPI) Due: 30 September 2026
233	SIH26233	HARDWARE	Inline Microbial Contamination Detection Using Hyperspectral Edge Sensors Food safety practices are largely reactive. Plants typically pull random samples from production batches and send them to laborato...	Agriculture, FoodTech & Rural Development	Ministry of Food Processing Industries (MoFPI) Due: 30 September 2026
234	SIH26234	SOFTWARE	AI-Powered Smart Food Waste Reduction and Sustainable Redistribution Ecosystem for Institutional Kitchens and Food Processing Units Food waste has emerged as one of the most critical economic, environmental, and social challenges across the global food supply ch...	Agriculture, FoodTech & Rural Development	Ministry of Food Processing Industries (MoFPI) Due: 30 September 2026
235	SIH26235	HARDWARE	Development of a Portable Nano engineered Rapid Food Testing Kit for On-Site Detection of Food Adulterants and Contaminants	Agriculture, FoodTech & Rural Development	Ministry of Food Processing Industries (MoFPI)

#	PS CODE	TRACK	PROBLEM STATEMENT TITLE & OBJECTIVE	THEME	MINISTRY / ORG
			Food adulteration and contamination remain major challenges in ensuring food safety, public health protection, and quality assuran...		Due: 30 September 2026
236	SIH26236	SOFTWARE	AI-Based Intelligent Food Packaging Material Recommendation System for Food Commodities Packaging plays a very important role in maintaining the quality, safety, and shelf life of food products during storage, transpor...	Agriculture, FoodTech & Rural Development	Ministry of Food Processing Industries (MoFPI) Due: 30 September 2026