

PROBLEM ID	PROBLEM STATEMENT
S0001	Analytics based on Govt. Land Information System(GLIS) Data
S0002	Air and water quality index and environment monitoring
S0003	AI Assisted Tele-medicine KIOSK for Rural India
S0004	Traditional agriculture practices lack real-time monitoring and efficient operation on fields This leads to inefficiencies and low production levels.
S0005	Vegetation measurement along the line corridor using satellite imagery
S0006	IoT based sensors can be used to determine the Machine Runtime
S0007	Integration and Utilization of data-based being maintained by various Ministries/Departments for better utilization of raw materials and production capacity.
S0008	App-Based Solution to identify and solve disease in plants/crops
S0009	Developing an algotithim / programme to measure increase in income of FPOs on account of project interventions under WDC 2.0.
S0010	Number of persons benefitted from using the Water Harvesting Structures (WHS) created / rejuvenated in the project areas under WDC 2.0 for economic activities like fisheries etc for alternate source of income generation.
S0011	Development of suitable Software and Hardware components/sensors for springshed mapping, monitoring and management.
S0012	Developing a Blockchain-Based eVault for Legal Records
S0013	Design of CYBER-SECURITY ENABLED SMART CONTROLLER for grid-connected Microgrid
S0014	Fake Social Media Profile detection and reporting
S0015	Online Blockchain based certificate generation and validation system for government organization.
S0016	Analysis and identification of malicious mobile applications
S0017	Detection of Malwarei Trojan in softwares used in Power Sector.
S0018	To develop centralised information security .Log-collection facility' or 'security operation centre (soc)' in the power sector, considering cEA cybersecurity (Power sector) Guidelines, 2021to keep Ir and or networking System isolated and air-gapped.
S0019	IT System log analyzer
S0020	Simulator system for counter Hijack and sky Marshalling operations
S0021	Data Compression for backbone network
S0022	De-anonymisation for monitoring and tracking of illegal activities performed using cryptocurrency transaction technology
S0023	Develop a AI/ML tool to detect whether a system / firewall /router / network is compromised. The technique should not rely only on IoCs (Indicators of Compromises) detection.
S0024	Develop Ransomware Readiness Assessment tool.
S0025	Investigation of vulnerabilities in implementation of crypto library used by OpenVPN for Internet Protocol Security (IPsec), IPV6 deployment.
S0026	Create an intelligent system using AI/ML to detect phishing domains which imitate look and feel of genuine domains
S0027	Efficient enumeration of URLs of active hidden servers over anonymous channel (TOR)
S0028	Cybersecurity Portal for Effective Management of Servers and Firewalls
S0029	Design and Developed a personalized online meeting system for AICTE
S0030	Use of Digital Technology to calculate water footprints for different daily use items.
S0031	Use of Digital Technology in addressing Non-Revenue Water (NRW)
S0032	AI-enabled water well predictor
S0033	Domestic Waste Management
S0034	Pro Planet Person App
S0035	Comprehensive Inspection and Analysis of Water Supply Distribution Lines
S0036	Projection of the extent of inundation corresponding to the forecasts of flood levels in a river.
S0037	A mobile app that crowd sources water-related problems from around a community, open sources data, etc. and display them on a map.
S0038	Threat zone of an explosion particularly in oil and gas handling industries or refineries
S0039	Cloudburst prediction system
S0040	Developing Virtual Reality based solutions

S0041	AI based Automatic alarm generation and dropping of payload at a particular object through a Drone.
S0042	AI-ML based intelligent de-smoking/de-hazing algorithm
S0043	Novel Technologies for Early Detection and Mitigation of Avalanches
S0044	Devise the method for identification of victims buried under avalanches
S0045	Virtual Reality-Based Training for CBRN Disaster Response
S0046	An application under which all rescue agencies are registered and which can display the location of other rescue relief agencies during natural/ man made calamities
S0047	Awareness and Preparedness Towards Disaster Management
S0048	Areal Location of Hazardous Atmosphere in Industries
S0049	Self-identifying the mental health status and get guidance for support.
S0050	Developing solutions to effective market linkage and promotion of One District One Product.
S0051	Computerized cognitive Retraining Program for Home training of Children with Disabilities.
S0052	Development of a prototype instrument (sensor based) for assessment and quantification of rasas (taste) in crude herbs.
S0053	Identification of Different Medicinal Plants/Raw materials through Image Processing Using Machine Learning Algorithms
S0054	AI-based tool for preliminary diagnosis of Dermatological manifestations
S0055	Startup-AYUSH Portal
S0056	Chatbot to Known Individual Prakriti (Phenotype)
S0057	A software that suggests drugs and formulations for a disease/pharmacological property based on the Ayurvedic classical books/Repositories.
S0058	Optimizing Doctor Availability and Appointment Allocation in Hospitals through Digital Technology and AI Integration.
S0059	Development of business models for collection and utilization of single usc plastics and various other industrial wastes
S0060	Ear Electronic Device for Tinnitus Frequency Finding and Adjusting to Provide Relief to Tinnitus Suffering Patient
S0061	APP Based Digital Audiometer
S0062	Develop therapy materials in Hindi for misarticulation children
S0063	Development of Virtual Reality (VR) technology for Dhatuposhana Nyaya
S0064	International Comparative System to Launch Integrated Real-Time Data Management System (IDMS) for Chemical and Petrochemicals Sector.
S0065	Development of software for streamlining the listing of cases through Differentiated Case Flow Management
S0066	Tech-Driven Solutions for Undertrial Prisoners in India
S0067	AI-powered Legal Documentation Assistant
S0068	Incentives based Design for onboarding Legal Service Providers such as Advocates, Arbitrators, Mediators, Notaries, Document Writers, etc on eMarket Place for extending Legal Services to Citizens in India
S0069	PGRKAM web application (www.pgrkam.com) and the PGRKAM Android application of the Punjab Government provides employment data to the prospective candidates.
S0070	PGRKAM web application (www.pgrkam.com) and the PGRKAM Android application of the Punjab Government provides employment data to the prospective candidates. The platform has a sizeable number of user base but it lacks integrated analytics tools to understand how the users are consuming the information.
S0071	Application of Image Analytics for Tree enumeration for diversion of Forest Land.
S0072	A complete Digital Marketing solution for visible increase in online sale of DPDs journals and Employment News issues through various available/new online sale channels (like website, apps , amazon, social media) by optimising various available or new digital marketing tools like email marketing, SEO, analytics, etc., subject to suitability, sustainability and cost-effectiveness.
S0073	Sentiment Analysis of Incoming calls on helpdesk
S0074	Sentiment analysis of Social Media presence
S0075	Image correctness for a product on marketplace
S0076	Centralised Nasha Mukti Database
S0077	Community Based Reporting and Monitoring Tool for Women's Safety in Colleges/Universities.
S0078	Segregating and information on regulatory / Gofi. Policies/Guidelines/Office Memorauda etc. related to Contract and Procurement issues for proper compliance and reporting of the same.
S0079	Deep learning for terrain recognition

S0080	Robust human target detection and acquisition
S0081	Lean module for reasoning about computational complexity in GPTs.
S0082	Web /Mobile based tool for mapping of Water supply network
S0083	Similar Document Template Matching Algorithm
S0084	Developing a GUI based hardening script for Ubuntu operating system with flexibility to cater for organisational security policies
S0085	Identification and Extraction of Forward Error Correction (FEC) schemes of unknown demodulated signals
S0086	AI Based - Designing of Assistive portal for Stakeholders in Approval Process
S0087	Integration of Multiple Data-bases of AICTE in order to fetch Coherent Information
S0088	Establishing a Server log system for E-governance with appropriate notification and content based classification of log AICTE
S0089	A unified portal for developing a model Curriculum for all the AICTE Approved Institutes
S0090	Student Innovation - Technology ideas in tertiary sectors like Hospitality, Financial Services, Entertainment and Retail.
S0091	Creation of dedicated real time 'Procurement Data Portal'as well as 'Vendor Payment Data portal'to capture all related data in respect of NEEPCO,S Procurements and Payments' including Procurement from MSE Sector and procurement in GeM Portal
S0092	App-Based Solution to provide market access to micro and small enterprises
S0093	Land profiling of Asset Creation process
S0094	AI-based Generative design of Hydro power plants.
S0095	Development of systems for effective Environmental, Social and Governance (ESG) Intervention in Higher Education
S0096	Student Innovation -Innovative ideas that help manage and generate renewable /sustainable sources more efficiently.
S0097	AI Based Drone Application
S0098	Students to use Autodesk Fusion 360 to research and develop a design on Smart Glass Cleaning Robot, which can climb, clean, and carry liquid cleaners. For additional information and detailed problem statement
S0099	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.
S0100	Language translator tool to convert English to Hindi (official Language) which can be used by all the government organizations websites officially.
S0101	The Employment Department at present has a digital platform www.pgrkam.com and its mobile application to provide almost all services offered to job seekers and employers through digital means. The portal has multiple modules like private sector jobs, government jobs, self-employment avenues, foreign jobs, foreign study, counseling, guidance, induction into armed forces, job melas, etc. Currently, when a user visits the portal/app, there is no hand-holding mechanism to help the user get to the part of the digital platform which will resolve his queries. The user is required to navigate across multiple modules on the portal/ app to search for answers.
S0102	Chatbot to respond to text queries pertaining to various Acts, Rules, and Regulations applicable to Mining industries
S0103	Real-time visibility of Dumper load status to Shovel operator
S0104	Development of a Digital Platform for multi-modal visibility of coal transportation
S0105	Forecasting and scheduling of railway rakes.
S0106	Compilation and Collection of optimum Level (variable) of data set from the Chemical and Petrochemical Industries in the country, aiming to smoothen the decision-making and insight generation in the strategic initiative.
S0107	360-degree feedback software for the Government of India related News Stories in Regional Media using Artificial Intelligence / Machine Learning
S0108	Text to Video of various PIB Press Releases using Artificial Intelligence / Machine Learning / Generative Adversarial Networks in English and 13 Regional Languages viz. Hindi, Urdu, Punjabi, Gujarati, Marathi, Telugu, Kannada, Malayalam, Tamil, Odia, Bengali, Assamese and Manipuri.
S0109	Udyog Saarthi App - (Progressive Web-based Application) for Adults undergoing Job coaching for opportunities under 4% reservation in NIEPMD and other Institutions.
S0110	Natural language translation engine for announcements and information dissemination at stations
S0111	Using existing CCTV network for crowd management, crime prevention, and work monitoring using AliML
S0112	Artificial Intelligence Driven Digitization of Cadastral Maps
S0113	Digital Generator Monitoring Diesel generators are widely used as backup power sources in industries, homes, and remote locations
S0114	Contact center knowledge management tool with decision tree
S0115	Price comparison of GeM products with other e-marketplaces

S0116	Real time monitoring of infrastructure development
S0117	Creation of Live Digital Twins for the power Projects and integration with all existing monitoring and database system which will give a holistic real time approach to the project and plant from all aspect of construction, operation and maintenance.
S0118	Behavioural change monitoring software
S0119	E-Waste Facility Locator
S0120	Water and Electricity Tracking App
S0121	Chatbot based helpdesk for govt employees and departments
S0122	Augmented/ Virtual reality system for the live training of troops
S0123	Development of motion amplification video techniques for vibration analysis
S0124	AR/VR based application which helps visualize the complete house virtually at an early stage, which can help in cost estimation, planning and completion of the house in time'
S0125	Develop a solution to identify discrepancies in Quality Monitoring Data on OMMAS and generate reports that highlight areas where corrective action is Required.
S0126	Design, develop and implement a software bill of materials (SBOM) generation tool that can generate the complete SBOM of custom-developed software (including in-house developments by organisations)
S0127	Develop and deploy a Large Language Model (LLM) based tool for generating human like responses to natural language inputs for network not connected over internet
S0128	Get Fit Faster with a High-Tech Tracker: Analyze Human Activity and GPS Data for Improved Results
S0129	Integration of AI for Adaptive Learning for MCQ Selection in PARAKH
S0130	Develop a Proctored exam tool for shortlisting the candidates for the national and international level hackathons.
S0131	Leveraging the power of deep learning to overcome the challenges of marine engineering and improve vessel operations:
S0132	Smart and Effective realtime Management of street parking
S0133	Suggest an AI-based solution to enable ease of grievance lodging and tracking for citizens across multiple departments
S0134	Development of gamified platform on Children's Rights to increase legal literacy and awareness among children in India
S0135	Digital Assistant for Legal Awareness and Designing a KYC framework in India
S0136	Development of AI, ML and Chat boat-powered Interactive Robot Mascot (Chacha Chaudhary) and digital avatar to strengthen the river people connect component of Namami Gange.
S0137	Ideate and implement a system to enhance the quality of education in rural areas.
S0138	Application for Assessment of Quality of Textbook/ Reference Books/ E- Book
S0139	PG dissertation Management System Description.
S0140	Using technology to develop a moving/mobile education system/software or equipment so that the children of nomadic communities such as Bakarwals /Gujjars can have proper education at least till primary.
S0141	Student dropout analysis for school education
S0142	To develop a technical solution for enabling Institution level verification of students of one State studying in other State/s, who are at present generally denied benefits under the Scholarship scheme as the Institutions in which they are studying are not registered on the portal/s of their home State.
S0143	Online integrated platform for projects taken up by the students of various universities/colleges
S0144	Intelligent chatbot to answer queries pertaining to various Maintenance Processes within Substation
S0145	Developing an interactive gaming software / mobile application on Intellectual Property Awareness for school students
S0146	Developing a software that can translate resource material and other texts from English to other Indian regional languages.
S0147	Developing a software for dubbing of videos from English to other Indian regional languages.
S0148	Virtual Zoo
S0149	AI based IT training system
S0150	Online personalized learning remediation/tutoring tool. Search for best teacher for specific topics.
S0151	Identify slow learners for remedial teaching and capacity building for innovative methods.
S0152	Mental health and well-being surveillance, assessment and tracking solution among children.
S0153	Making career choices and AI based counselling accessible to every child at secondary level along with aptitude tests and detailed career paths.
S0154	Education ecosystem for specially abled student need provision and improvement to take care of compliance, governance and conduct.

S0155	Blended Learning to overcome inadequate infrastructure
S0156	Capacity building, performance assessment and motivation driven tool for faculty upgradation
S0157	In-cab smart guidance and support system for Dragline Operator
S0158	Real-Time Vehicle Tracking system.
S0159	Dashboard for real-time monitoring of construction projects.
S0160	Application Development for monitoring of wool from Farm to fabric
S0161	Dredging Analysis and Decision Support System.
S0162	Hot metal, Steel Ladle, and Scrap pot Tracking by auto-capturing the Ladle number and locations at SMS-1 and SMS-2.
S0163	Unpredictable failure of poly pulleys along cable belt conveyor system for pulley changing
S0164	Automation of drill core rock sample lithology logging.
S0165	Dak Ghar Niryat Kendra
S0166	Agentless Endpoint Protection: Efficient, Reliable, and Cost-Effective
S0167	Middleware Component to Recommend and Enhance Existing Non-Agentic Solutions to Agentic AI Frameworks
S0168	SmartOps AI – Autonomous Incident Resolution Engine
S0169	AI (Agentic) Enabled Agile Automated Threat Modeling
S0170	Sustainability Rating and Grading Framework for Products
S0171	Automation in Drawing and Datasheet Conversions Using AI and Gen-AI
S0172	Autonomous Drones: An Edge AI-Enabled Surveillance Platform
S0173	Invisible Watchdogs: Wi-Fi Sensing for Home Monitoring and Surveillance
S0174	AI-Powered Video Localization Across Multiple Languages
S0175	LiveSpeak: AI-Based Live Event Captioning via Speech Recognition
S0176	Enhancing Cybersecurity Resilience in the IT Industry Using AI
S0177	Smart Community Health Monitoring and Early Warning System for Water-Borne Diseases in Rural Northeast India
S0178	Smart Tourist Safety Monitoring & Incident Response System using AI, Geo-Fencing, and Blockchain-based Digital ID
S0179	Image based breed recognition for cattle and buffaloes of India
S0180	Image based Animal Type Classification for cattle and buffaloes
S0181	Development of a Digital Farm Management Portal for implementing Biosecurity measures in Pig and Poultry Farms
S0182	Development of a Digital Farm Management Portal for Monitoring Maximum Residue Limits (MRL) and Antimicrobial Usage (AMU) in Livestock
S0183	Disaster Preparedness and Response Education System for Schools and Colleges
S0184	Gamified Environmental Education Platform for Schools and Colleges
S0185	Smart Crop Advisory System for Small and Marginal Farmers
S0186	Smart Curriculum Activity & Attendance App
S0187	Automated Attendance System for Rural Schools
S0188	Real-Time Public Transport Tracking for Small Cities
S0189	Automated Student Attendance Monitoring and Analytics System for Colleges
S0190	Digital Platform for Centralized Alumni Data Management and Engagement
S0191	Telemedicine Access for Rural Healthcare in Nabha
S0192	Digital Learning Platform for Rural School Students in Nabha
S0193	Maximizing Section Throughput Using AI-Powered Precise Train Traffic Control
S0194	AyurSutra- Panchakarma Patient Management and therapy scheduling Software
S0195	Comprehensive Cloud-Based Practice Management & Nutrient Analysis Software for Ayurvedic Dietitians, Tailored for Ayurveda-Focused Diet Plans
S0196	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.

S0197	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.
S0198	Smart Classroom & Timetable Scheduler
S0199	Authenticity Validator for Academia
S0200	AI-Based Crop Recommendation for Farmers
S0201	Crowdsourced Civic Issue Reporting and Resolution System
S0202	Development of a Smart Digital Platform to Promote Eco & Cultural Tourism in Jharkhand
S0203	AI-Based Smart Allocation Engine for PM Internship Scheme
S0204	AI-Based Internship Recommendation Engine for PM Internship Scheme
S0205	Sentiment analysis of comments received through E-consultation module
S0206	Blockchain-Based Blue Carbon Registry and MRV System
S0207	Integrated Platform for Crowdsourced Ocean Hazard Reporting and Social Media Analytics
S0208	FloatChat - AI-Powered Conversational Interface for ARGO Ocean Data Discovery and Visualization
S0209	AI-Driven Unified Data Platform for Oceanographic, Fisheries, and Molecular Biodiversity Insights
S0210	Identifying Taxonomy and Assessing Biodiversity from eDNA Datasets
S0211	AI-Powered Crop Yield Prediction and Optimization
S0212	Blockchain-Based Supply Chain Transparency for Agricultural Produce
S0213	Gamified Learning Platform for Rural Education
S0214	AI-Driven Public Health Chatbot for Disease Awareness
S0215	Smart Traffic Management System for Urban Congestion
S0216	AR-Based Cultural Heritage Preservation Platform
S0217	Enhancing Student Awareness on difference between Aadhaar linked and Direct Beneficiary Transfer(DBT) enabled Aadhaar seeded bank account.
S0218	Real life solutions for Waste Management.
S0219	Digitize and Showcase Monasteries of Sikkim for Tourism and Cultural Preservation
S0220	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.
S0221	Development of an AI-driven ChatBOT for INGRES as a virtual assistant
S0222	Proposal for Design and development of application or Heavy Metal Pollution indices
S0223	Real time Groundwater resource evaluation using DWLR data
S0224	AI-Driven Life Cycle Assessment (LCA) Tool for Advancing Circularity and Sustainability in Metallurgy and Mining
S0225	Secure Data Wiping for Trustworthy IT Asset Recycling
S0226	AI-Based Rockfall Prediction and Alert System for Open-Pit Mines
S0227	AI-Powered Mobile Platform for Democratizing Sports Talent Assessment
S0228	AI-Powered Personal Farming Assistant for Kerala Farmers
S0229	Gamified Platform to Promote Sustainable Farming Practices
S0230	AI-Based Farmer Query Support and Advisory System
S0231	Software other than a circuit breaker that can be used to detect and turn off LT lines when the line breaks
S0232	Document Overload at Kochi Metro Rail Limited (KMRL)-An automated solution
S0233	AI-Driven Train Induction Planning & Scheduling for Kochi Metro Rail Limited (KMRL)
S0234	Development of a travel related software app that can be installed on mobile phones that could capture trip related information
S0235	Digital Health Record Management System for migrant workers in Kerala aligned with sustainable development goals.
S0236	AI-Based Timetable Generation System aligned with NEP 2020 for Multidisciplinary Education Structures
S0237	Development of a Digital Mental Health and Psychological Support System for Students in Higher Education
S0238	Centralised Digital Platform for Comprehensive student activity record in HEIs
S0239	One-Stop Personalized Career & Education Advisor
S0240	Research and develop a design on autonomous small precision focused machine for planting crops or weeding.

S0241	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.)
S0242	AI-powered monitoring of crop health, soil condition, and pest risks using multispectral/hyperspectral imaging and sensor data.
S0243	Accelerating High-Fidelity Road Network Modeling for Indian Traffic Simulations.
S0244	Remote classroom for rural colleges
S0245	AI-based drop-out prediction and counseling system
S0246	ERP-based Integrated Student Management system
S0247	Language Agnostic Chatbot
S0248	Hybrid Renewable Energy Generation Solution
S0249	Internship/Industrial Training with Placement Opportunity
S0250	Develop computer programs (in any language, preferably Python) to identify the design principles behind the Kolam designs and recreate the kolams.
S0251	Development of AI-powered FRA Atlas and WebGIS-based Decision Support System (DSS) for Integrated Monitoring of Forest Rights Act (FRA) Implementation. (States to be concentrated: Madhya Pradesh, Tripura , Odisha, Telangana)
S0252	Loan Utilization Tracking via Mobile
S0253	Beneficiary Credit Scoring with Income Verification Layer for Direct Digital Lending
S0254	Identification of Infrastructure, Amenities, and Service Gaps in SC-Majority Villages for Adarsh Gram Declaration
S0255	Digital Mechanism for Beneficiary Identification under Grant- in-Aid (GIA) Component
S0256	Mapping of Implementing and Executing Agencies across PM- AJAY Components
S0257	Modalities for implementation of Direct Benefit Transfer (DBT) under Centrally Sponsored Scheme for effective implementation of PCR Act and PoA Act.
S0258	Transliterations tool for street signs
S0259	Instruments in observational Astronomy
S0260	Identify the mudras in Bharatiya natya forms
S0261	Chandas Identifier
S0262	Real-Time AI/ML-Based Phishing Detection and Prevention System.
S0263	AI-Driven Next-Generation Firewall for Dynamic Threat Detection and Zero Trust Implementation
S0264	Mitigating National Security Risks Posed by Large Language Models (LLMs) in AI-Driven Malign Information Operations
S0265	Automated Optical Inspection (AOI) based IC marking to identify fake marking
S0266	Self-Healing Computing Elements
S0267	Designing an Efficient Algorithm for Coordinated Swarm Engagement among Autonomous Drones aiming to neutralize an adversarial drone swarm.
S0268	Temple & Pilgrimage Crowd Management (Somnath, Dwarka, Ambaji, Pavagadh)
S0269	Enhancing farmer productivity through innovative technology solutions
S0270	LunaBot: Autonomous Navigation of Robot for Lunar Habitats
S0271	Enhancing OpenAI's GPT-OSS with Multimodal Vision Capabilities extensible to ISRO EO Data
S0272	Optical-Guided Super-Resolution for Thermal IR Imagery
S0273	Transformer based end-to-end Web Application Firewall (WAF) pipeline
S0274	Conversational SIEM Assistant for Investigation and Automated Threat Reporting using NLP
S0275	Neural Net based Android Application for Real-Time Fish Catch Identification, Health, and Volume Estimation
S0276	MAITRI : An AI Assistant for Psychological & Physical Well-Being of Astronauts
S0277	To develop AI/ML based models to predict time-varying patterns of the error build up between uploaded and modelled values of both satellite clock and ephemeris parameters of navigation satellites
S0278	Use of measurements from the mobile phones (low cost preferred) to provide a safe autonomous navigation on the roads
S0279	Short term forecast of gaseous air pollutants (ground-level O3 and NO2) using satellite and reanalysis data
S0280	Quantum Secure Email Client Application
S0281	AI/ML based Auto Evaluation of R&D proposals received at NaCCER, CMPDI Ranchi
S0282	Intelligent Mobile Safety Companion for Mine Workers

S0283	AI enabled cyber incident & safety web portal for defence.
S0284	Secure closed group communication platform over existing public mobile communication networks for defence personnel and families.
S0285	AI-Powered DPR Quality Assessment and Risk Prediction System for MDoNER
S0286	AI-Based Dynamic Contact Resistance Measurement (DCRM) Analysis for EHV Circuit Breakers
S0287	AI-Driven Frequency Response Analysis for Transformer Diagnostics via Unified Multi-Format Software
S0288	Development of AI/ML enabled Digital Twin for EHV 400/220 kV Substation
S0289	Predicting Project Costs and Timeline
S0290	Forecasting materials demand with machine learning for supply chain planning, procurement, and inventory optimization.
S0291	Intelligent Recommendation System for Personalized Individual Development Plans (IDPs)
S0292	Smart Helpdesk Ticketing Solution for IT Services
S0293	AI and ML enabled video analysis and interpretation
S0294	AI-based UFDR (Universal Forensic Extraction Device Report) Analysis Tool
S0295	AI-Powered Personalized Learning Path Generator
S0296	Blockchain-Based Skill Credentialing System
S0297	IoT & AI-Enabled Skill Training Equipment monitoring
S0298	Micro-Credential Aggregator Platform
S0299	AI-Powered Multilingual Content Localization Engine for Skill Courses
S0300	Cybersecurity Framework for Rural Digital Banking
S0301	Prashikshan - An app for Academia Industry Interface
S0302	Design and develop an AI/ML-based Decision Support System for optimizing rake formation strategies for SAIL, with the initial implementation focused on movements from Bokaro Steel Plant to CMO stockyards and customer locations.
S0303	AI-Enabled Logistics Optimizer for Cost-Optimal Vessel Scheduling and Port-Plant Linkage in Steel Supply Chain
S0304	Efficient Energy use in Iron Ore Mining Operations
S0305	AI-Driven Pollution Source Identification, Forecasting & Policy Dashboard for Delhi-NCR
S0306	Mobile-based EHR Companion for ASHA Workers in Low-Internet Areas
S0307	Digital Contact Tracing and Screening Tool for MDR Pathogens in Hospitals
S0308	Digital Twin for CO ₂ Capture in Urban Settings
S0309	AI Tool for Early-Stage Dementia Detection
S0310	Cryptocurrency address collection and categorization system
S0311	Identification of URL based attacks from IP data
S0312	Identification and protection of Virtual Network Computing (VNC) based data exfiltration attacks.
S0313	Design and build a multimodel Retrieval-Augmented Generation (RAG) system leveraging a Large Language Model (LLM) for OFFLINE mode that can ingest, index, and query diverse data formats such as DOC, PDF, Images and voice recordings within a unified semantic retrieval framework
S0314	Detection of Open Crust Mining Activity and 3D visualization
S0315	Automated Vulnerability Assessment and Penetration Testing tool for CCTV cameras & DVRs
S0316	Centralized Vulnerability Detection and Intelligent Query Interface
S0317	Portable log analysis tool for isolated network.
S0318	Application software to obfuscate the object file using Low Level Virtual Machine (LLVM)
S0319	Multi-Platform System Hardening Tool
S0320	Development of Threat rules in ELK Stack (Elasticsearch, Logstash, and Kibana) for detecting Advanced Persistent Threats (APTs).
S0321	AI/ML-Based Identification of Cryptographic Primitives and Protocols in Multi-Architecture Firmware Binaries
S0322	AI/ML based text-to-text machine translation from Nepalese and Sinhalese to English
S0323	Empowering Gram Panchayats to manage daily Operation & Maintenance (O&M) of Rural Piped Water Supply Systems using low-cost digital tools for routine monitoring.
S0324	Deep learning based ALM (Audio Language Model), which Listen, Think, and Understand the speech and non-speech Together.

S0325	AI-Based Underwater Image Enhancement System for Increased Maritime Security.
S0326	User and Entity Behaviour Analytics (UEBA) for internal threat identification
S0327	Automated Comprehensive Technology Intelligence and Forecasting Platform
S0328	Develop a real-time closed captioning solution with simplified captions in multiple Indian languages for accessibility and inclusivity of Deaf and hard-of-hearing individuals.
S0329	Development of a mobile application for secure water level data collection from rivers using image processing.
S0330	Government offices often suffer from low levels of productivity at the organizational, team and individual levels, but there are no online tools to set goals/ objectives, define and benchmark success parameters, track progress and calculate productivity levels at the aforesaid 3 levels. To address this management gap and improve productivity and employee engagement in government offices a suitable online tool/ module should be developed under the e-Office platform.
S0331	Unified Education Interface
S0332	AI based analysis and performance indicators based on historical data for academic institutions approval processes at UGC and AICTE.
S0333	Retrieval of data from large databases of regulations, policies, projects, rules, schemes of higher education department.
S0334	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.
S0335	Real-Time Monitoring System for Disaster Management Trainings
S0336	Recovery and reuse of Fresh water resources
S0337	Hydrogen production from Renewable Energy sources
S0338	Real time tracking of utilization of machines for Crop Residue Management machines.
S0339	AI based real-time crop image analytics for crop insurance-PMFBY
S0340	Farm level yield estimation using very-high spatial resolution data and robust crop models
S0341	Millets Value Chain Platform
S0342	Early Detection of Wheat Diseases
S0343	National Campaign and Digital Platform for Reducing Edible Oil Consumption
S0344	AI-Enabled Value Chain Platform for Oilseed Self-Reliance
S0345	AI-Powered Import Impact Simulator for Palm Oil Tariffs
S0346	AI-Driven Yield Optimization Platform for Oilseed Crops
S0347	Crop Shift Mitigation App for Promoting Oilseed Farming
S0348	Hedging Platform for Oilseed Price Risk Management
S0349	Value Chain Integration System for Oilseed By-Products
S0350	Digital Decision-Support and Incentive Platform for Oil Palm Farmers
S0351	Research and develop a design on “ autonomous water surface cleaning robot “
S0352	Conversational Image Recognition Chatbot
S0353	Women Safety Analytics – Protecting Women from safety threats
S0354	Micro-Doppler based Target Classification
S0355	A smart AI based solution for traffic management on routes with heavy traffic from different directions, with real-time monitoring and adaptation of traffic light timings
S0356	Enhancing Monitoring and Management of Research, IPR, Innovation, and Start-ups in Gujarat State
S0357	Implementation of the Alumni Association platform for the University/Institute.
S0358	Learning App for Deaf And Mute and sign language-English/Gujarati converter
S0359	Drone-Based Intelligent System for Apple Orchard Management in Himachal Pradesh
S0360	Automated Bus Scheduling and Route Management System for Delhi Transport Corporation
S0361	Automated System for Career Advancements of the Faculties of Higher Education
S0362	Publications summary generator for faculty members profile building
S0363	Learning path dashboard for enhancing skills
S0364	The technological solutions for capturing AQI values through mobile and other forms of stations
S0365	Dynamic route rationalization model based on machine learning/AI would be required based on real-time traffic and road parameters.

S0366	Online monitoring of Unauthorized construction across the city
S0367	Online real-time survey and monitoring of water bodies in Delhi
S0368	Queuing models in OPDs/ availability of beds/ admission of patients. A hospital based solution is ideal which can be integrated with city wide module
S0369	Online testing and monitoring of quality of medicines and consumables
S0370	Online issuance of Caste and other certificates by Revenue Department need real-time monitoring
S0371	real-time monitoring and evaluation software for application received in Fire Department relating to inspections, follow-ups, issue of NOCs
S0372	To develop an Artificial Intelligence (AI) based model for electricity demand projection including peak demand projection for Delhi Power system
S0373	Smart Classroom Management Software for Enhanced Learning Environments
S0374	Health Data Information & Management System Mobile Application (HDIMS)
S0375	Drug Inventory and supply chain Tracking system
S0376	Smart Competency Diagnostic and Candidate Profile Score Calculator
S0377	Freelancing Platform
S0378	Mentor Connect
S0379	AI-Powered Student Assistance Chatbot for Department of Technical Education, Government of Rajasthan.
S0380	An Interactive Job and Internship Platform for Technical Education Department, Govt. of Rajasthan
S0381	Intelligent platform to Interconnect Alumni and Student for Technical Education Department, Govt. of Rajasthan
S0382	Mobile App for Direct Market Access for Farmers
S0383	AI-Driven Crop Disease Prediction and Management System
S0384	Sustainable Fertilizer Usage Optimizer for Higher Yield
S0385	Assured Contract Farming System for Stable Market Access
S0386	create an Annual Report Portal for institute where all the departmental reports can be integrated and customized
S0387	A comprehensive AYUSH Startup Registration Portal to streamline the registration process for startups in the AYUSH sector, enhancing efficiency, transparency, and accessibility.
S0388	Portal for innovation Excellence Indicators
S0389	A web application specifically designed for Indian coal mines to quantify their carbon footprint and explore pathways to carbon neutrality.
S0390	An app and web based software for Productivity and safety management of coal mines.
S0391	App based Project monitoring of S&T/ R&D Projects of Coal Sector
S0392	Development of AI-ML based models for predicting prices of agri-horticultural commodities such as pulses and vegetable (onion, potato, onion)
S0393	Online Chatbot based ticketing system
S0394	DDoS Protection System for Cloud: Architecture and Tool
S0395	Early Warning System for Glacial Lake Outburst Floods (GLOFs)
S0396	Microphone array-based direction of arrival for gunshot detection
S0397	Extraction and Verification of Information from semi-categorised data.
S0398	Web based Selector-Applicant Simulation Software
S0399	Determining expert relevance with respect to interview board subject and candidates' area of expertise
S0400	Detecting oil spills at marine environment using Automatic Identification System (AIS) and satellite datasets
S0401	Development of a mobile application to provide recreational suitability information of beach locations across India.
S0402	Integrated Geo-Referenced Fish Catch Data Repository and Access System
S0403	Development of a versatile and fast algorithm for the optimal ship routing
S0404	Data download Duplication Alert System (DDAS)
S0405	Interactive gamified approach to Ocean Literacy
S0406	Implement Software Solutions to Reduce Student Dropout Rates at Various Educational Stages
S0407	Develop Software Solutions to Enhance Educational Infrastructure and Connectivity in Rural Areas

S0408	Develop Effective Career Counselling and Guidance Programs in Schools to Enhance Student Career Choices
S0409	Integrate Industry-Relevant Vocational Training into Elementary and Secondary Education Curriculum
S0410	Creating an application to identify the presence of government issued personally identifiable information (PII) embedded in documents and data, inadvertently or otherwise.
S0411	Transformo Docs Application: Empowering Machine-Readable Document Management System.
S0412	Develop a functional solution that incorporates the security of the ML model.
S0413	Develop a functional solution that demonstrates the face liveness detection
S0414	Develop a ML Model based solution to refine CAPTCHA.
S0415	Farmers Disease Diagnostic/Reporting Portal - Mobile Portal AI Based
S0416	Software solutions to identify users behind Telegram, WhatsApp and Instagram based drug trafficking.
S0417	Software solution to identify the end receiver of a cryptocurrency transaction
S0418	Web-scraping tool to be developed to search and report Critical and High Severity Vulnerabilities of OEM equipment (IT and OT) published at respective OEM websites and other relevant web platforms.
S0419	Developing a tool to provide for real time feeds of cyber incident pertaining to Indian Cyber Space.
S0420	RE-DACT
S0421	Development of Audit script for Windows 11 and Linux OS as per CIS (Centre for Internet Security) bench mark
S0422	Few Shot Language Agnostic Key Word Spotting system (FSLAKWS) for audio files.
S0423	Identification of algorithm from the given dataset using AI/ML Techniques.
S0424	Centralized Automated Solution for Price Estimation & Reasonability.
S0425	Development of AI/ML based solution for detection of face-swap based deep fake videos
S0426	Agent-less Windows System Vulnerability and Network Scanner
S0427	Building Offline Parallel AV Pipeline to cater multiple AVs for CII entities.
S0428	Tools and techniques for customisation of GPO as per CIS guidelines to deploy on offline / standalone windows.
S0429	Real-Time Disaster Information Aggregation Software
S0430	Development of handheld device/Mobile based Operation & Maintenance tool for asset & consumables inventories and finance management in context of drinking water supply scheme.
S0431	Use of Digital Technology to calculate Water Footprints for different Agricultural Products
S0432	Use of Digital Knowledge Sharing Platform like Wikis on sharing of water efficient techniques and methods for minimizing water scarcity.
S0433	Adaption of 'Existing Command Area in Response to Shifting of Agricultural Practices
S0434	Forecasting Future Water Requirements and Assessing Storage Capacities in Reservoirs
S0435	Developing a Robust Hydraulic Transient Analysis Model for Hydro Power and Pumped Storage Schemes.
S0436	Real-time Ganga river water quality forecasting using AI- enabled DSS, satellite data, IoT, and dynamic models.
S0437	A software application for analysis of DWLR data and raise alarms in respect of anomalous values, faulty DWLRs etc
S0438	A software application - Ground Water Level Predictor
S0439	AI based chatbot for collating and dissemination of information on groundwater.
S0440	Development of an educational game (web-based and mobile- based) on groundwater conservation and management
S0441	Let's Learn Constitution in a Simpler Manner-Institution Perspective
S0442	Developing an AI based interactive Chatbot or virtual assistant for the Department of Justice's Website.
S0443	AI-Driven Research Engine for Commercial Courts
S0444	Bail Reckoner
S0445	Let's Learn Constitution in a Simpler Manner-Citizen Perspective
S0446	Gamification for Rural Planning using Drone land survey maps and GIS data.
S0447	Development and Optimization of AI model for Feature identification/ Extraction from drone orthophotos.
S0448	Intelligent Enterprise Assistant: Enhancing Organizational Efficiency through AI-driven Chatbot Integration
S0449	Development of a Geolocation-Based Attendance Tracking Mobile Application.
S0450	Tool for secure automatic network topology creation.
S0451	Comprehensive Automated Document Verification System for Official Documentation

S0452	Enhancing Navigation for Railway Station Facilities and Locations
S0453	Enhancing Rail Madad with AI-powered Complaint Management
S0454	Interactive Skills Enhancer (ISE): A Virtual Reality-Based Learning Tool for Children with ASD and ID
S0455	Software for Speech Language Therapy Clinical Services
S0456	AI tool/mobile app for Indian Sign language(ISL) generator from audio-visual content in English/Hindi to ISL content and vice-versa
S0457	Indian Sign Language to Text/Speech translation
S0458	Indian Version of Nagish App
S0459	Capturing Non-manual features of Indian Sign Language and converting it into text
S0460	Monitoring System for classroom session in skill training programme
S0461	Education & Awareness - Effective Use of Technology for Dissemination of Anti-Doping Information
S0462	Intelligence and Investigations - Enhancing Anti-Doping Efforts
S0463	Gamification of Anti-Doping Information
S0464	Prediction of Aluminium wire rod physical properties through AI, ML or any modern technique for better productivity and quality control.
S0465	Platform for Inter-departmental cooperation (at city level) in Indian Cities, for sharing data & resources, unified phasing, planning and implementation of projects.
S0466	Utilization of images for monitoring of progress of construction activities for building construction projects.
S0467	Utilization of aerial/ drone-based images for monitoring of progress of construction activities for building construction projects
S0468	Universal Switch Set with Data Encryption and Decryption for Legacy Applications without Cyber Safety Measures
S0469	Development of a Paperless Scholarship Disbursement System for PMSSS
S0470	AI supported AICTE Approval process portal
S0471	AI driven Inspection of Institutions
S0472	SolarQuest: Innovate to Capture More Sunlight and Boost Energy
S0473	Enhancement of Permanently Shadowed Regions (PSR) of Lunar Craters Captured by OHRC of Chandrayaan-2
S0474	SAR Image Colorization for Comprehensive Insight using Deep Learning Model (h)
S0475	Downscaling of Satellite based air quality map using AI/ML
S0476	On-device semantic segmentation of WMS services with geospatial data export
S0477	AI based frame interpolation, video generation and display system for WMS services
S0478	Automatic Modulation Recognition software for DVB -S2X waveforms
S0479	Innovative applications of cloud-optimized geotiffs for INSAT satellite data
S0480	Building Integrated Photo-voltaic (BIPV) potential assessment and visualisation using LOD-1 3D City Model
S0481	Development of map-matching algorithm using AI-ML techniques to distinguish vehicular movement on highway and service road
S0482	Centralized application-context aware firewall
S0483	Standardizing Odd School Structures to Improve Educational Policy Implementation and Resource Allocation
S0484	Parsing of Social Media Feeds
S0485	Creating a cyber triage tool to streamline digital forensic investigation
S0486	De-anonymizing of entities on the onion sites operating on TOR Network
S0487	Improving open source software security using Fuzzing
S0488	Improving Android security: Application security for mobile app on Android 14 or higher
S0489	Creating a Framework for Static Analysis of Vulnerabilities in Android Applications
S0490	Recovery of Deleted Data and Associated Metadata from XFS and Btrfs Filesystems
S0491	Creating a Comprehensive Web Application Fuzzer
S0492	Development of software application for analysis and processing of dvbs2 receiver output stream i.e., raw BB Frames, GSE and TS in near real time.
S0493	Domain Name Server (DNS) Filtering Service using Threat Intelligence feeds and AI/ML Techniques

S0494	Development of UT (user terminal) to UT Voice, Image, Video and Data Communication APP (Android or iOS) using Bluetooth 2.0 or above wireless interface and custom protocol
S0495	Development of Explainable AI (XAI) based model for prediction of heavy /high impact rain events using satellite data
S0496	Development of NTRIP (Network Transport of RTCM via internet protocol) Caster, NTRIP Client and Server on web or mobile platform.
S0497	Generation of Hazard map at 1m grid spacing (1m height resolution) using 5m spatial resolution data for safely navigating a Lander to a safe landing site using Super resolution techniques.
S0498	Change detection due to human activities.
S0499	Identification of place names from a natural language sentence.
S0500	Speech to text transcription for Indian languages. The problem entails transcription in the native script and then translation to English. The languages of interest are Hindi, Indian English, Urdu, Bengali, Punjabi.
S0501	Students to use Autodesk Fusion 360 to research and develop a design on "Smart Glass Cleaning Robot", which can climb, clean, and carry liquid cleaners. For additional information and detailed problem statement, please visit: https://damassets.autodesk.net/content/dam/autodesk/www/pdfs/sih-2023-software-edition.pdf
S0502	Devise the method for identification of victims buried under avalanches.
S0503	Digital Assistant for Legal Awareness and Designing a KYR Know-Your-Rights framework in India
S0504	Development of e-Portal for facilitating Case Management Hearing of various types of cases
S0505	Vehicle Maintenance Index- In Today's world with so many cars, models in the market, it is hard to find out which car has a high maintenance cost/index that is authentic source.
S0506	Better and faster emergency care during accidents and vehicle impact.
S0507	Geo Tracking of Waste and Triggering Alerts and Mapping Areas with High Waste Index
S0508	Portal for Farmers to sell the produce at a better rate
S0509	Crop Guidance and Farmers Friend • Problem Title : Helping the farmers in terms of Crop suggestion, precautions based on the met department forecast of rain fall / weather, potential pest attacks , weather warnings etc.
S0510	Create an affordable solution through image processing of number plates of vehicles for the detection, identification and monitoring of vehicles in different scenarios such as residential societies, tolls, business complex, parking spaces etc.
S0511	Attention Span Detection in Online Instructor Led Sessions
S0512	Gamification for Health data collection
S0513	Lab Report Digitization / OCR
S0514	Voice Prescription
S0515	PREDICTION OF TARIFF RATE
S0516	Warning System for Driver
S0517	Anti Theft Systems for 2 wheelers
S0518	Virtual Assistant for Medical Device
S0519	Creating Ability to Server Logs Management for Analysis & Report of Heterogeneous Servers
S0520	Design of Energy Efficient Regenerative Hydraulic System for 100 Ton Excavator
S0521	BH60M and BH100 with Electronic Transmission
S0522	Process Modeling
S0523	Blockchain Powered Procurement System for GAIL
S0524	Design of alarms management and analytics
S0525	Auto Climate Monitoring System
S0526	Mobile game for Alzheimer's Disease detection
S0527	Atithi Devo Bhava
S0528	Antimicrobial Stewardship Platform
S0529	AgriTech: Stubble aggregation and disposal
S0530	Tourism simplified through voice
S0531	Elderly care system

S0532	To Predict the Optimum Vessel Turnaround Time
S0533	Seamless Invoicing and Reconciliation System
S0534	Renewable Energy forecasting, for an integrated smart grid
S0535	Electric Vehicle (EV) Ecosystem
S0536	Data Mining Robot using AI / ML
S0537	Jarvis (software robot assistant) for corporations
S0538	Authenticating User while performing transaction at ATM/POS Terminal Securely
S0539	Food processing
S0540	AGV Path Calculator
S0541	NYKS requires a software / Mobile through which we may take attendance of the Officers who are working in the different districts and States across the country.
S0542	Developing a Software Tool to aid Search and Rescue by Calculating and Plotting Search Area from the Last Known Position of a Missing Aircraft.
S0543	Rating an Airport Mapping Database
S0544	A web based software is sought for fail-free operations of various CNS/ATM facilities, preventive maintenance is carried out on daily, weekly, monthly, six-monthly and annual basis.
S0545	A Mobile based Inventory Management System using QR code application
S0546	A visual Dashboard based on data analytics for percentage utilization of Airport facilities and utilities using IOT.
S0547	An Mobile based Dwell time Management System using IOT.
S0548	Knowledge Management System through Block Chain
S0549	Mobile Application based Passenger facilitation System using Artificial Intelligence and Machine learning
S0550	Upgradation of Jan-Dhan Darshak App
S0551	Development of Information App for Alert on Financial Matters
S0552	Innovative apps for women safety specially in cyber space
S0553	Promoting holistic nutrition among women and children through/with the help of IT for Poshan Abhiyaan
S0554	Simplification of the process of e-tendering in EVC (electronic verification code) system, replacing Digital Signature Certificate by Aadhaar based OTP.
S0555	Technological advances for Retail Outlets
S0556	Technological advances for Retail Outlets
S0557	Timing error estimation and matched filtering are crucial processing blocks in a communication receiver. The problem is like looking for the occurrence of a known signal in the observed/measured signal, which is noisy and distorted. This nature of problem makes it best suited for intelligent approach, as human brain invariably solves this kind of problem in day-to-day life. Classical techniques like maximum likelihood, Early-Late, Gardner and Muller approaches have been successfully implemented. However, it is perceived that machine learning techniques will outperform the classical approaches and this fact needs to be researched. The neural network shall use minimum computation and converge fast for practical and real-time implementation. If the results are promising, it can be applied for military and commercial radars.
S0558	Tracking and Control of inmate inside the Jail
S0559	Virtual Tourist Guide
S0560	Indoor Navigation App
S0561	Design State Research Portal, a single point securely hosted solution to seamlessly integrate search and manage all the research activities
S0562	AI and OCR - To search Telugu & Urdu words in PDF present in Unicode as well as in image format
S0563	CAPTCHA/alternative solution for Visually impaired
S0564	Problem Statement From PDUNIPPD (Software)
S0565	Embankment Mapping and Crowdsourced Health Card for Preventive Structural Measures
S0566	Water Accounting in Irrigation Commands through Crowd Sourced Crop Mapping
S0567	Software for computerization of farmer, land details along with beneficiary schemes details
S0568	Court Case Management software
S0569	Android App for Geo-tagging location of wildlife and forest offence and sighting of wildlife in the forest areas

S0570	Development of App to capture the field patrolling track of frontline staff in their forest beat jurisdiction
S0571	Library software for Andaman College
S0572	Computerized fee collection and Transfer Certificate Module
S0573	App Development on Food Processing Problems
S0574	Incentivized Tech Bin
S0575	Paperless Office
S0576	How to prevent cheating in exams?
S0577	Know your Ghats mobile app facilitating general public use information on Ghats/crematoria existing along Ganga and its tributaries.
S0578	Job recommender system. To design a software application for assessing the abilities of a student with respect to employability.
S0579	Domain specific Learner facilitator Assist Software Given a learning resource the application should assist the learner in preparing for exams. For the facilitator the teaching material should be prepared automatically. The learning resource could be electronic materials on a particular subject.
S0580	"Bibliophile Companion - A companion similar to an active agent, that helps the reader to organize and retrieve the highlighted text, book marked page and credentials of the content source in cloud across heterogeneous platforms, gadgets and applications."
S0581	Design of GPS enabled online Academic monitoring system to track the classroom transaction and to provide feedback and the review to the teachers to improve their pedagogical practices by the monitoring authorities.
S0582	solutions required to solve the challenges faced by Law Investigating Officers (LEOs) in Cyber Crimes:
S0583	APPCB looks forward to bringing in all polluting industries in the state to enhance the existing system more transparent and effective monitoring of emissions and effluents. APPCB envisages implementing Internet of Things (IoT) technology for obtaining of authentic and reliable data directly from the analyzers installed at the industry rather than the data from the intermediary system.
S0584	App for online OPD appointment & Hospital Information System
S0585	Livestock Ownership Database
S0586	Livestock Health Database
S0587	Disease Reporting System
S0588	Automatic Assessment of Pavement condition based on road photographs
S0589	Automation mechanism for image capturing, processing, standardization, evaluation, classification leading to better decision making results for various programs
S0590	Streamlining of Reporting Framework for MGNREGA reports
S0591	Intelligent attendance solution for MGNREGA workers
S0592	Geography based analysis for noise identification in large and complex data gathered
S0593	Making websites meaningful for differently Abled citizens with open source tools
S0594	Non network intensive record keeping system for SHG
S0595	One Nation – One Citizen – One Pension – Identify citizens receiving multiple benefits like pensions under different schemes of the centre and state, such as NPS, NSAP Schemes, PMSYM and State level schemes
S0596	Mechanism for linking of works under convergence in Rurbanwith multiple DBs (e.g.: MGNREGS, PMUY, DDU-GKY, PMAY, SAGY etc.)
S0597	Artificial Intelligence (AI) and Machine Learning solutions for Police functions
S0598	Mobile Apps for Citizens and Police for management of crime records
S0599	Data Crawlers to collect data
S0600	Monitoring and Evaluation of Higher Educational Institutions in Andhra Pradesh
S0601	Develop a Students Grievance Support System.
S0602	Extraction of crop cycle parameters from multi-temporal data
S0603	Detecting clouds and predicting their movement from INSAT imagery
S0604	Nowcasting of Meteorological Satellite Images using AI/ML techniques
S0605	Web-map data visualization using augmented reality globe
S0606	AI based crop identification mobile app

S0607	Development of IoT based advance Public Address and Flood Warning Systems across all Hydro Power project areas.
S0608	App for recording and playing geo tagged videos
S0609	App for identification of sky regions in a photo
S0610	Monitoring the battery life of Electric Vehicles.
S0611	Drone route planning
S0612	Auto fetching of regulatory compliance data of power sector stake holders for analysing and reporting purpose
S0613	Virtual reality based Earth/Moon explorer
S0614	Automated land use classification using AI/ML
S0615	GNSS Reflected Signal Coverage Simulator
S0616	Hyperspectral image analysis tool
S0617	Web based volume rendering and 3D/4D visualization of Model Forecast
S0618	AI/ML based system for deriving value added parameters using satellite surface observations
S0619	Reconstruction of missing data in Satellite Imagery
S0620	Depth Estimation of Valles Marineris using ISRO's Mars Color Camera (MCC) images
S0621	Field Data Analysis and Automated feature validation from crowd sourced field photos;
S0622	Air pollution hot spots detection and identifying the source trajectories using ML/AI techniques
S0623	Identify shifting cultivation locations in dense temporal stacks
S0624	Sentiment Analysis from text feedback:
S0625	Voice command driven Web-GIS Applications (mobile/ desktop)
S0626	Change detection and extraction of information / features of interest in RS images using time series information
S0627	Efficient Communication scheme for Human Space Flight Programme
S0628	Link Adaptive Speech Compression scheme for Human Space Flight Programme
S0629	Blind Scrambling Code Identification
S0630	Efficient Header Compression technique for IP based communication over Satellite network
S0631	Customized Web-based animation for data cube, volume rendering and time series data visualization
S0632	Size Invariant Ship detection from SAR Images
S0633	Processing, visualization and application development of raw GNSS data on Android Smartphones:
S0634	Ethical hacking for extraction of restricted GNSS signal features
S0635	Estimation of crop yield using modern ICT tools which is quick and reliable for making a realistic plan for procurement and to compensate farmers for yield loss if any.
S0636	Develop a real time land usage monitoring tool using satellite data and Artificial intelligence etc.
S0637	Developing an e-enabled real time produce life cycle monitoring & sharing mechanism to enhance output realization to farmers through private sector participation and DBT
S0638	Enabling transparent price discovery and forecasting of crop arrival along with management and utilization of price stabilization funds in the case of agri - commodities
S0639	Developing a system or solution to provide a customized and precise land parcel specific fertilizer and input usage plan to reduce cost and maximize returns for the farmers
S0640	Mobile App for sharing or pooling of transport for agricultural produce to market
S0641	Unusual event detection from surveillance video shots
S0642	Data Storage and analytics with Dashboard
S0643	Online STET (State Teacher Eligibility Test) Software or web portal.
S0644	Sentiment Analysis of Code-Mixed Languages
S0645	Open set Language Diarization for Indian Languages audio data
S0646	Real-Time Collaboration Tool for Remote Teams
S0647	Accessible Web for All
S0648	Personal Finance Dashboard
S0649	Local Community Engagement Platform
S0650	Sustainable Living Guide

S0651	Health and Wellness Tracker
S0652	Smart Learning Assistant
S0653	Community Safety Alert System
S0654	Personalized Shopping Assistant
S0655	Environmental Impact Tracker:
S0656	Personalized Mental Health Support
S0657	Real-Time Language Translation for Niche Languages
S0658	Predictive Maintenance for Industrial Equipment
S0659	Smart Agriculture Monitoring System
S0660	Fraud Detection in Financial Transactions
S0661	Decentralized Identity Verification System
S0662	Supply Chain Transparency and Traceability
S0663	Decentralized Finance (DeFi) Lending Platform
S0664	Blockchain-Based Voting System
S0665	Tokenized Real Estate Platform
S0666	AI-Powered Personalized Learning Platform
S0667	Smart Healthcare Assistant
S0668	AI-Based Disaster Prediction and Response System
S0669	AI-Driven Mental Health Monitoring and Support
S0670	AI for Sustainable Agriculture
S0671	How might we develop an AI or OCR solution to digitize and convert handwritten, old registered documents into a readable and accessible format in regional languages improving public access and readability of historical records?
S0672	How might we develop an AI-enabled system for real-time conversion of speech to sign language using animated avatars, ensuring effective communication and inclusivity for persons with hearing and speech impairments during government functions and public events? This solution should eliminate the dependency on sign language experts while providing accurate and accessible communication.
S0673	How might we leverage AI technology to identify fish resources and shoals at sea, enabling fishermen to efficiently locate fish with minimal manpower and cost, reducing fuel consumption, and improving catch rates?
S0674	How might we build an AI-powered tool to efficiently analyze petitions, categorize them into relevant departments, flag urgent and important cases, and send reminders to officials, while also identifying repetitive grievances and tracking progress until resolution? The tool should also include a feature to communicate the status of the grievance to the petitioner, ensuring transparency and accountability.
S0675	How might we develop an integrated device & application that uses technology to monitor a mother's health during pregnancy and the health of the newborn after birth, assigning a unique ID to the child to track progress? The application should support the issuance of birth certificates and other essential documents, ensuring a seamless process from maternal health to early schooling, while capturing relevant health data throughout the child's early years.
S0676	How might we develop an integrated solution that provides real-time data to help visitors discover must-visit heritage sites in Tamil Nadu, offering voice-assisted, multilingual insights about the history and significance of these places? This system, powered by an advanced language model (LLM), can enhance the tourist experience by providing personalized, immersive information at iconic locations.
S0677	How might we design an IoT-based self-sustained autonomous solution for the maintenance of public toilets? This system would use sensors for automatic cleaning, odor control, and tracking daily usage to ensure cleanliness and efficient management, improving hygiene and reducing manual intervention.
S0678	How can we develop a practical, cost-effective, and eco-friendly AI-driven ultrasound technology to detect and deter wild animals from entering agricultural fields, while studying the movement of animals from reserve forests to human habitation areas and implementing a warning system to alert nearby localities for effective crop protection and wildlife management?
S0679	How might we be able to develop and implement an AI-powered traffic management system that aims to achieve a Zero Violation Point, ensuring optimal and efficient traffic flow while minimizing violations and enhancing overall road safety. This should be able to track the riders without helmets, seatbelts issuing challans for violations - a integrated system with less complexity that should be implementable
S0680	How might we develop an AI-powered energy management system that optimizes energy consumption in industrial and commercial facilities, reducing costs, improving efficiency, and minimizing environmental impact through real-time analytics and automation?

S0681	How might we Develop an integrated solution leveraging GIS-based tools, remote sensing, AI, and an online platform to identify suitable locations for shelter belt plantations, predict erosion-prone zones, monitor changes in shelter belt density, and facilitate carbon accounting, with the overarching goal of mitigating coastal erosion, strengthening coastal defenses, and contributing to climate resilience
S0682	Design and develop a comprehensive Learning Management System (LMS) that seamlessly integrates individual user logins, course enrollment, attendance tracking, learning pathways, assessments, evaluations, and certification management, all within a unified and intuitive centralized dashboard.
S0683	How might you create a user-friendly software solution to map government schemes to beneficiaries based on their socio-economic background? Ensure real-time access and a citizen-centric design for efficient grievance redressal.
S0684	How might we design a robust online registration system that ensures the seller's willingness is captured transparently and securely during faceless registrations, preventing future claims of coercion in signing documents or providing fingerprints? The solution should integrate innovative measures, such as video consent verification, digital signature authentication, or AI-based sentiment analysis, to confirm voluntary participation while maintaining efficiency and trust in the process.
S0685	How might we develop a unique and efficient mechanism to automatically stop the transfer of social security funds to deceased under various schemes? The solution should ensure timely identification of deceased beneficiaries, leveraging integration with death registration databases, Aadhaar authentication, or periodic life certification through digital methods to prevent misuse and save government funds.
S0686	How might we develop an image processing solution to automatically capture and verify Aadhar and smart card details, ensuring accurate identification of genuine borrowers for government loan waivers, while eliminating clerical errors and time constraints?
S0687	How might we design and implement a reliable, cost-effective safety system for tribal communities in remote mountainous regions, which detects wild animal threats and provides early alerts? How can we ensure seamless communication infrastructure that enables these communities to connect with the outside world during emergencies, allowing them to share vital information and access assistance in real-time?
S0688	How might we simplify the approval process by creating a single-window platform that allows entrepreneurs to easily obtain all necessary approvals from various government agencies, reducing delays and improving efficiency?
S0689	How might we develop a versatile and dynamic website with unique ID numbers to efficiently address migrant labor issues in Tamil Nadu, enabling smooth registration, tracking, and providing timely support to migrant workers while ensuring ease of use and accessibility?
S0690	How might we create a centralized dashboard for district administration to monitor and track the real-time progress of work across all departments, ensuring efficient management and decision-making?
S0691	How might we create accessible VR and AR-based tools to enhance hands-on, industry-relevant training for students? The "VR-AR: Bridging the Skills Gap" challenge focuses on integrating immersive learning modules into the academic curriculum, tracking student progress and feedback. This initiative aims to bridge the skills gap by offering practical, engaging, and industry-relevant training across various trades. vocational training more practical, engaging, and industry-relevant, ultimately bridging the skills gap for future industrial workers.
S0692	How might we develop a smart, economical solution to digitize and monitor the growth measurements (height and weight) of children, track attendance without overburdening server space, and improve ICDS enrollment by attracting public engagement in Anganwadi services?
S0693	How might an innovative solution address communication challenges in remote areas, such as hilly and forest regions with weak or no network coverage? The goal is to develop an affordable and accessible emergency communication system, considering that satellite phones are financiallyunfeasible for most of the population.
S0694	How might we develop a centralized digital platform to connect all PHCs, Upgraded PHCs, and Sub-Centres with the Deputy Director of Health Services (DDHS), enabling real-time monitoring of doctor attendance, healthcare services, and automated absenteeism alerts to improve healthcare delivery across divisions?
S0695	How might we develop an automated, AI-powered, and cost-effective solution to ensure the consistent production of high-quality M-Sand, improving safety, durability, and construction standards while maintaining profitability for quarry owners?
S0696	How might we develop an online platform to ensure the safety and mental well-being of children and women by integrating virtual counseling services, gamified activities, awareness on legal rights and access, and essential resources? This platform would create a secure and engaging virtual environment, empowering users with interactive tools, mental health support, and knowledge to enhance their safety and overall well-being.
S0697	How might we develop a solution for MSMEs in remote locations effectively track inventory, minimize stockouts, and optimize logistics to ensure timely deliveries?
S0698	How might we develop a solution to combat the theft of ration goods during transportation from godowns to PDS shops, while ensuring the enforcement of stock clearance on a FIFO (First-In, First-Out) basis for better inventory management and accountability?

S0699	How might we implement a GPS-based tracking system for government buses that provides passengers with real-time arrival updates, seat availability, and route information (starting and ending points), ensuring clarity, safety, and convenience at all times? This system should enhance the passenger experience by offering accurate tracking, real-time updates, and timely information for improved planning and safety.
S0700	How might we create a mobile health application that enables remote monitoring and telemedicine services for patients with chronic diseases, improving accessibility, convenience, and timely care?
S0701	Develop innovative assistive technologies and inclusive infrastructure to empower visually impaired individuals with enhanced navigation, mobility, and independence, thereby improving their social interaction and overall quality of life.
S0702	How can we create an advanced agricultural bot with multi-language support and animation that helps small-scale farmers with soil testing, pest detection, crop management, irrigation, and harvesting, while providing information on local government financial aids, farming schemes, and subsidies, to improve productivity, income, and food security, and double agricultural output?
S0703	How might we develop a solution for automating inventory management in small warehouses, including real-time stock tracking, automated order fulfilment, and minimising human error?
S0704	How might we develop a mobile app that tracks and displays district-level officials' field visits and inspections with geo-tagging, allowing HODs and district collectors to review work, upload photos, and digitally sign inspection reports using mobile fingerprint/OTP authentication?
S0705	How might we develop a solution for connecting farmers with local markets, enabling real-time price discovery, efficient supply chain management, and fair pricing for agricultural produce.
S0706	Development of a happiness index for schools (including mental health and well-being parameters, among others) with self-assessment facilities.
S0707	App for government asset management
S0708	Suggest a solution to help the ULBs/State/UT Governments to monitor or control the growth of slums in the country and develop a self-sustained environment to ensure affordable housing in order to avoid growth of slums in future.
S0709	An unique solution that would help to include informal vendors in the public space development without compromising on the Urban Design.
S0710	Automated Identification of Fish Species (AutoFiS)
S0711	Fishing boat Activity Clustering and Timeline Studying (FACTS)
S0712	Automated Animal Identification and Detection of Species (AAIDeS)
S0713	Create an application for beneficiary to know the end-to-end transactions from generation of FundTransfer Orders to receipt of payment for the work done by the beneficiary
S0714	Create a Visualisation for Streamlining of Reporting Framework for Mahatma Gandhi NREGS reports
S0715	Website and Application For convergence with MoLE initiatives
S0716	Develop a system for high compressionand decompressionof Photograph and documents without loss of Quality
S0717	Develop an ICT enabled mechanism to monitor quality of houses constructed under PradhanMantri Awaas Yojana– Gramin (PMAY-G) in most cost-effectiveway.
S0718	Create a system to recognize and understand local dialect by Computer or other IT devices to deliver voice
S0719	Design a system generating the total no of people eligible for receiving pensions under NSAP (Indira GandhiNational Old AgePension Scheme) but are not included(area wise)
S0720	Mechanism to help rural people to self select for receiving benefit offered underGovt. scheme.
S0721	Real time visualization of location wise financial transactions (volume and amount) for various schemes[such as PMAY(G), MGNREGS, PMGSY,NRLM, DDU-GKY]
S0722	"Mechanism to effectively track and capture Attendance at work sites for MGNREGS workers using IRIS based attendance monitoring system"
S0723	Provide easy and realtime access of information on housing typologies for area selected by Individuals for House construction
S0724	Mechanism for linking of works under convergence in Rurban with multiple DBs (e.g.:MGNREGS, PMUY, DDU-GKY, PMAY etc.)
S0725	An app which helps in automating the permission needed for development works like building permission, spatial lands etc according to the development norms.
S0726	Identification of missing LSBs whichcan be added in theroad network tominimize the travelttime
S0727	Identification of Missing Bridges which would increase the connectivity between regions
S0728	Identification of Flood Prone Roads

S0729	System for an efficient and transparent process of buyer-seller interactions, provision for creating niche product offerings for SHG groups for all areas
S0730	Real-time transaction to be introduced for SHGs and their Federations
S0731	Online registration and processing of dairy farmers producing milk and other livestock products
S0732	An online platform to link potential dairy importers of the world with the major dairy product manufacturers of the Country.
S0733	A web portal to manage and strengthen dairy infrastructure of dairy processors of the Cooperative and private dairy sector.
S0734	Software toolset for storage browsing and permission based access to geospatial data using blockchain
S0735	Tracing IP address and details of unidentified participants while academic sessions.
S0736	Tracing IP Address behind VPN/Proxy Servers
S0737	Develop a Smart Attendance Capturing Mobile App
S0738	Drone Neutralisation Technique in city/crowded areas to neutralise drones without hampering other radio signals or other equipment in a certain range.
S0739	Vehicle number recognition by using existing general surveillance cameras
S0740	Predictive analytic solutions using AI
S0741	Creation of G.I.S. Layers through GPS Data of Dial 100 Vehicles.
S0742	Transfer of Multimedia data through Police Radio Sets.
S0743	Detection of Criminal Activities/Criminal through CCTV by analysing live footage for melee, mob formation, body language of suspect etc
S0744	Speech to text conversion for local ethnic languages of MP like Malavi, Bagheli etc.
S0745	System would Identification of System Generated, Spoof Calls landing at Dial 100 Control Room
S0746	Speech Emotion Recognition (SER) on live calls while creating events.
S0747	Email Spoofing Detection – Spoofed email with swapped email id(and IP too) can come to any user's inbox. Suggest a mechanism to filter the spoofed email at server only.
S0748	Suggest a solution to help municipal bodies maximize solid waste collection with their given resources.
S0749	Suggest an improvised way of tackling the issue of creating a consistent supply chain to augment the use of Bio fuels.
S0750	Tracking of supply chain and reverse logistics of products to reduce environmental impact
S0751	Solution to establish a zero waste society with proper waste disposal management
S0752	Tracking, reducing and reusing of plastic waste
S0753	Using food waste as consumable organic resource
S0754	Tracking of food waste for productive usage
S0755	Identification of reduction in carbonfootprint using newtechnologies
S0756	To create a eco-friendly way of packing several varieties of foods
S0757	Weather Forecast and its Visualization using Augmented Reality (AR): Mobile App
S0758	Deep Learning based Cyclone Intensity estimation using INSAT-3D IR imagery
S0759	Water Quality from Mobile captured and Google earth images
S0760	Flood inundation probability mapping
S0761	Prediction of TEC variations with Artificial Intelligence using Space Weather Data as input
S0762	Artificial intelligence enabled robotic trash boat to drive & harvest floating trash from urban drain-
S0763	Two-way mobile communication (G2C and C2G) for dissemination of flood forecasts to end users and collection of real time data of inundation area through crowd sourcing
S0764	Suggest an effective solution that would help the city managers to overcome the problem oof sewerage blockage.
S0765	Real Time Satellite Imagery dissemination app
S0766	Bias correction of NWP model temperature forecasts for cities using ANN/ML/DL
S0767	Consensus of hourly visibility forecast for airports using NWP model and observations
S0768	Identification of regions prone to boat overturning
S0769	Prediction of drifted personnel or asset
S0770	Prediction of Oil Spills Events at Sea (POSEatSea)
S0771	Flagging of (AIS) INactivity Data (FIND)

S0772	Industrial wastewater treatment
S0773	Extraction of Data including voice and images from various social Media platforms from Disaster struck areas
S0774	Predictive warning for release of water from reservoirs causing flood situation
S0775	Programming Simulations on various Disaster situations
S0776	Community connect with trained NCC/NSS volunteers for remote locations during disasters
S0777	Alerts/early warnings regarding the Heat Wave/Lightening strike to citizens/ Early Warning System for Lightening and Heat Wave
S0778	High resolution 3D of terrain and infrastructure, Road travel conditions in Disaster struck areas
S0779	Using Innovative Blockchain Technologies in Emergency Management and Disaster Response
S0780	Uploading and updating the database of pothole on road on Maps to help people driving their vehicle when the roads are flooded.
S0781	Tracking the impact of PM POSHAN on a child's nutritional status and physical health and well-being
S0782	Virtual Visit to Indian pilgrimages
S0783	AR App showcasing Turbans of India
S0784	Indoor Navigation for Museums
S0785	Hologram with Speech Synthesis
S0786	Augmented Reality Classroom Programme
S0787	Digital Reconstruction of Monuments
S0788	Ticketless Entry System to Monuments/Museums
S0789	AR App for Monuments
S0790	Forecasting Natural Gas International Prices using advanced Time-Series Techniques
S0791	Simplifying the verification process of granting scholarship
S0792	OCR of Temple inscriptions and translations in Devanagari Scripts.
S0793	Sanskrit voice to text and interface in Google Search Engine.
S0794	What proactive initiatives including digital interventions can be taken up to ensure avoidance of such incidents at tourist sites in the future ?
S0795	How can incidents related to tourist overcharging, duping and overall lack of information can be avoided and checked across various tourism service providers.
S0796	Making Interactive Interface and adding functionality in the existing application of ADIP Cochlear Implant Program application by Ministry of Social Justice and Empowerment, GoI.
S0797	Mobile Application for Diet Recall
S0798	Virtual reality based solution for training medical students
S0799	App for Ayush Services Availability
S0800	App for registration of Persons with Disabilities under ADIP scheme
S0801	Designing an app for screening the possible mental health issues in adolescents and PwDs.
S0802	A simplified app for assessment of reading and writing difficulties in persons with Specific Learning Disabilities.
S0803	Fall Detection and Alerts in hearing aids for deaf and hearing impairment
S0804	Difficulties in walking with white cane in surrounding environments.
S0805	Software for facilitation of various Govt. schemes for persons with disabilities.
S0806	AI-enhanced OT security tool
S0807	Identifying the Dyslexia, Dyscalculia, Dysgraphia, Dyspraxia, Autism or ADHD in school going children.
S0808	To develop a system Electronically detecting occupancy of beds in Hospitals
S0809	To develop a website for systematic farming for farmers in local languages.
S0810	To develop software to identify famous local things at particular villages.
S0811	Temperature sensitive / programmable stickers for medicines and other temperature sensitive products:
S0812	HERITAGE Identification of monuments using Deep Learning Techniques
S0813	Pseudo height assignment to INSAT 3D/3DR Cloud data and its 3D visualization on Web
S0814	Seamless indoor-outdoor navigation

S0815	Processing, visualization and application development of raw GNSS data on Android Smartphones
S0816	Multispectral satellite image dehazing
S0817	Android application for the imaging possibilities by an Earth observing satellite
S0818	Natural Language search tool for Web GIS
S0819	Producing Super Resolution Digital Elevation Models from low resolution DEMs
S0820	Fully automated seamless on-the-fly mosaicking of satellite images
S0821	Visual Question and Answering with Satellite Images
S0822	High accuracy positioning on mobile or automotive NavIC/GNSS receivers for road lane navigation
S0823	Symbol Rate/Bandwidth Estimation
S0824	Real-Time Adaptive Speech Mixing and Audio-video synchronization
S0825	Development of VR / AR (Virtual Reality / Augmented Reality) based application to train and up-skill the workforce involved in safely executing high risk tasks and problem solving key operational challenges in Coal mining industry.
S0826	Development of ADIP-CI Post-operative rehabilitation details software.
S0827	Tracking the achievement of Learning Outcomes in Foundational Years
S0828	Real-time identification of Out of School Children with the help of an AI- based intervention that crawls through the various data sets of multiple departments to check if any children are not in school.
S0829	Crowd Sourcing model for preparing large question banks.
S0830	Solution to prevent copy right infringement/piracy/plagiarism of NCERT text books.
S0831	Monitoring safety in schools by the school, students, teachers and parents, with escalation of issues to District and state level with the help of an App masking the identity of person who escalates the issue
S0832	Making career choices and AI based counselling accessible to every child at secondary level along with aptitude tests and detailed career paths
S0833	An App or progress card to guide parents to facilitate and ensure holistic growth in cognitive, psychomotor and affective domains.
S0834	Access to Education - education delivery for specially-abled students Innovations in improving the delivery of education to students with special needs to improve the learning outcome
S0835	Mental health and well-being surveillance, assessment and tracking solution among children
S0836	Suggest a solution to predict the local impact of urban flooding in major cities.
S0837	Municipal Finances and Tax Management System.
S0838	Suggest an innovative approach to serve the educational needs of the weaker section of the society during this challenging situation of COVID- 19.
S0839	Subset Wizard along with Data Format Conversion Utility
S0840	HORIZONTAL WIND CALCULATION FOR A VERTICAL COLUMN OF A VLOUME SCAN OF RADAR
S0841	Non-residential built-up extraction using AI techniques
S0842	"Interpretation of geological, geochemical, and geophysical dataset using ML/AI to carve out new mineral potential areas."
S0843	Grade-wise iron-ore accounting from mines to end-points to prevent loss of revenue to the state
S0844	Farming equipment's are expensive, leveraging unused equipment may add to additional income for the farmers.
S0845	"Automated feedback system to know the exact location of non- functional streetlights in the rural areas of Central India"
S0846	App/portal for tracking/finding of missing persons/children by use of Aadhaar enabled Biometric details:
S0847	Assessment of Higher Educational Institutes by NAAC
S0848	Development of an app/software for tracking dual use chemicals (chemicals that have legit uses and when diverted become precursors to major drugs)from their manufacture to end use. Need to have proper app and software to collate and maintain this data with proper data mining facilities. We should also have utilities in generating crucial report.
S0849	Development of an app/software for tracking prescription drugs (medicines having narcotic & psychotropic properties that are also covered under NDPS Act) to prevent its misuse. Such an app should track a prescription drug right from the manufacture at a factory until it is disbursed/sold to a legit patient by an authorized pharmacy/chemist/hospital.
S0850	Development of an app where general public can report information on drug trafficking anonymously.
S0851	Crawling of the Darknet markets to identify drug traffickers on dark net based in India and the drugs they offer for sale.
S0852	Digital foot printing of crypto currency transactions for drug trafficking over Darknetdone by persons based in India

S0853	Video Compression algorithm for GSM & Satellite telemetry
S0854	Software to track any new IP assigned and joins the network other than the approved list of IP's.
S0855	To track list of software installed in the PC's / Workstation's attached to the network.
S0856	Development of fully automatic system to enable Online Expert Committee Visits for statutory bodies
S0857	Development of Online projects progress monitoring system for funded Higher Educational Institutions under various schemes and the funding agencies
S0858	Development of 'Complaint/Grievance handling mechanism' for connecting stakeholders and the Higher Educational Institutions so as to ensure single point window across all the relevant regulators
S0859	Development of One Nation – One funding information portal which disseminates various funding schemes with relevant details and interactive user interface across all funding agencies in higher education
S0860	Development of Integrated dashboard for sharing of innovation and startups with success stories across Higher Educational Institutions and relevant stakeholders
S0861	Development of Integrated dashboard for placement (students and companies)
S0862	Development of portal for sharing of resources amongst Higher Educational Institutions on mutual agreement basis
S0863	Development of portal which integrates in run time the information such as recognition(AICTE/UGC/NMC/Other regulators), accreditation (NAAC/NBA) and NIRF so as to ensure availability of authentic information anytime-anywhere for anyone
S0864	Development of system which integrates all types of notified Universities (Central/State/Private/Deemed to be University/Open) and identifies query based fake universities offering conventional /distance/Online Education
S0865	Development of centralized student feed-back system, accessible to the HEI, concerned university and the regulatory body for effective monitoring of teaching-learning in the HEI and to have enhanced learning experience for the learners
S0866	Development of text based chatBot capable of handling queries related to UGC/HEI
S0867	Design of translation software with multi inputs to translate English to Hindi OR vice-versa to promote extensive use of Hindi language in official matters
S0868	Development of run time UGC Legal Court Cases tracking system duly integrated with various Courts of India for real time monitoring
S0869	Development of system to avoid duplicity of Research Projects submitted to various funding agencies
S0870	Maintaining and updating the records for SHG in realtime where network connectivity is low.
S0871	To create systems that alleviate waiting in line - at doctors, at shops, at bus stops.
S0872	Effective search mechanism for suggestive response to Parliament Questions
S0873	Single Database on Orders of arbitrator & mediation
S0874	Energy Conservation with modern technology
S0875	Cost of Air Pollution to Solar Power Generation (CAPsolar)
S0876	Insufficient medical support system and remote villages in hill areas
S0877	Pattern recognition algorithm to identify marine animals.
S0878	Design a Drone using Autodesk Fusion 360 Software (Free for education & Students) for ANY ONE of the below services.
S0879	DEVELOPMENT & IMPLEMENTATION OF AN INTEGRATED WEB-BASED OFFICE DOCUMENT MANAGEMENT SYSTEM
S0880	DEVELOPMENT OF A WEB-BASED PLATFORM & MOBILE APP FOR STORING & SHARING INFORMATION ABOUT ACCESSIBLE BUILDINGS/ OFFICES/ PUBLIC PLACES/ BUS STOPS/ RAILWAYS/ MARKETPLACE SCHOOLS ETC.
S0881	Digital infrastructure and a robust and smart Document Management System (DMS)
S0882	Online Monitoring and Evaluation System for ICCR's Regional Offices (ROs)?
S0883	Online Monitoring and Evaluation System for ICCR's Indian Cultural Centers (ICC) abroad?
S0884	Standalone Desktop application for pumping test data analysis
S0885	AI BASED PLATFORM for entrepreneurs for decision making process
S0886	Artificial Intelligence Based mobile application for the workers and website based admin tool for management.
S0887	National Entrepreneurship Internship Exchange
S0888	PWD (Divyang) user friendly Entrepreneurship Support & Facilitation Ecosystem
S0889	Entrepreneurship Facilitation Services Processing Centre:
S0890	Analysis of Business of MSME Sector
S0891	To start Skill India Helpline (Toll-Free) number

S0892	Automatic sign and photo detection from the uploaded documents by trainees during admissions using Artificial Intelligence and Optical Character Recognition.
S0893	"Application based solution for tracking and creating information system for Overloaded Commercial vehicles."
S0894	Software solution for E-Mail Load Balancing
S0895	Student Innovation
S0896	Automation of mechanism for imagecapturing,processing, standardization, evaluation, classification leadingto better decision making results for various programs using Deep learning, imageprocessing algorithms, AI algorithms
S0897	Solution for impact assessment of Natural Resource Management (NRM)assets on the ground.
S0898	Develop a tool to detect, separate and match Individual from a group photo using Face Recognition mechanism.
S0899	Create a System for drawing a complete polygon for any small asset (i.e. Assetsdeveloped during MGNREGA, PMAYG schemes) by knowing 3 coordinates alongwith the length andwidth.
S0900	Develop a system toTransliterate Regional language text into English /Hindi and perform matching using fuzzylogic / machine learning algorithms
S0901	Develop a system which can read and analyse handwritten text and convert it into normal editable text.
S0902	"Algorithm/Mechanism for analyzing and estimating % match level for similar data column/s values (e.g. Consolidation of multiple Govt. programs implies an individual be uniquely identified in all DBs. To uniquely identify, a location address is provided (e.g. a village name) and
S0903	Design a system for multi hazard visualization as perlocation selected by Individual
S0904	Analysis for noise identification in largeand complex data collected from different sources and rectifying them.
S0905	Development ofDigital interface forSpatial Economicplan using shift- shareanalysis and Input -Output Theory at acluster level scale(comprising 5 - 6gram Panchayats)
S0906	Complaint Redressal Machinery
S0907	Guidance system for claims and needs of labour
S0908	Employment tracking and traceability system - Organized sector
S0909	Employment tracking and traceability system - Migrant workers
S0910	e-Buddy for rescued child labour
S0911	Linking Smart cameras with alarm systems to avoid triggering a false alarm by birds or animals or vibrations due to wind, loud sounds, etc.
S0912	AI based tool to get information about 5 good institutes based on AISHE
S0913	AICTE Event/Activity (Workshops, Talks, FDP, Meeting etc) management system.
S0914	Lack of information about Academic Activities in single platform
S0915	Lack of sustainability in appointment of Faculty in Higher Educational Institutions and Colleges
S0916	Portal to know about various National and International scholarships
S0917	Prediction of Admission & Jobs in Engineering & Technology with respect to demographic locations
S0918	To develop an integrated and robust online platform for the researchers providing the information and relevant details about national/international research grants
S0919	Integrated information platform for information about Indian Universities
S0920	Integrated annual academic calendar for all the Indian universities
S0921	Inter-linked platform for Campus Placement in Higher educational Institutions of India
S0922	Interlinked platform for School education, Higher education and Technical education in India
S0923	Attractiveness and User Friendliness of AICTE Website
S0924	Centralized grievance system portal
S0925	AICTE TASK Management Mobile Application
S0926	Geotagging of all educational institutions integrated with virtual tour on Bharat Map so that any students/parents can visit any part of the country on map and take virtual tour along with facilities/courses available across the country.
S0927	One Point Student Verification through Mobile Application
S0928	One Point Student/Faculty Details Verification through Functional Application Software
S0929	Prediction of Admission & Jobs in Engineering & Technology /Management/Pharmacy with respect to demographic locations
S0930	Security Management System

S0931	Standard Course Curriculum Design for all the Universities across India
S0932	Centralized thesis repository (MD/PHD) Repository
S0933	Accessing visual information (written information) by persons with visual disability.
S0934	Enabling communication strategies for persons with hearing impairment.
S0935	Enabling alternative accessible strategies for persons with speech impairment.
S0936	Difficulties in correspondence of sighted person with a admin/teacher
S0937	Difficulties to understand the concept in Math & Science for visual impaired person.
S0938	Comprehensive tools to edit the pdf and convert into epub format.
S0939	Software for Vocational Training for persons with visual impairment
S0940	How to use Aadhaar number of students to identify fake enrolment, duplication and authentication of students.
S0941	Attendance systems for students of government aided schools.
S0942	Real time tracking of students learning's outcomes and their academic progress across schools.
S0943	Teachers (From Recruitment, posting to entire duration of their service as teachers) Management System
S0944	"There is a need to create an engaging, supportive alumni network which is crucial to an institutions /organizations success. Currently, there is no mechanism for the Directorate to keep a track of the trainees passing out year by year."
S0945	Development of a One Stop Platform for budding entrepreneurs for Overall Support:
S0946	AI Based platform for start-up validation and support
S0947	Simplifying the selection process of financially weak students for granting aid for coaching for competitive exams.
S0948	Tracking the attendance of students for timely granting of aids from government.
S0949	Simplifying the process of identifying bright students for Ambedkar Social Innovation & Incubation Mission (ASIIM).
S0950	Simplifying the process of reaching youth for spreading awareness regarding Nasha Mukt Bharat Abhiyan (NMBA).
S0951	Simplifying the process of financing por SCs and OBCs through banks without transferring additional burden to government.
S0952	Education ecosystem for specially abled students need provisions and/or improvements to take care of compliance, governance and conduct .
S0953	Knowledge sharing platform for V V Giris Naional Labour Institute
S0954	To create a better, social media integrated search engines
S0955	Use of technology in overcoming language barriers.
S0956	Create games/open source solutions to develop games which help in teaching/learning concepts
S0957	AI and ML powered teacher, parents assistant app - for helping country achieve FLN goals
S0958	Traffic Light Negotiation and Perception-Based Detection
S0959	Suggest a redefined solution to help cities locate EV(Electric Vehicles) charging infrastructure.
S0960	Moving vehicle registration plate detection
S0961	A system of IoT devices to measure load weight in a dumper
S0962	Suggest effective solutions that would attract commuters to use Public Transport in large scale during this Pandemic situation.
S0963	Analytics tool to provide detail reportson the grading difference between NQM and SQM
S0964	Use of technology in trade and logistics in reducing transportation and transaction costs.
S0965	Initiative that can contribute towards Net Zero Emission in tourism sector
S0966	Develop proof of concept to measure carbon footprint of various tourism activities.
S0967	Minimizing the effect of negative implications (natural calamities, plague, pandemic like COVID19 and other similar factors) on tourism industry.
S0968	Suggesting the minimum support requirements at tourist destination, community level to ensure suitability of setting up of homestay ecosystem.
S0969	Promoting and regulating homestay ecosystems for maintaining general standard throughout the country.
S0970	Use of digitization to undertake capacity building and training for development, operations and maintenance of homestays.
S0971	Content sourcing and creation is an important aspect to ensure consumer engagement. How can collaboration for content sourcing be deployed to achieve it?

S0972	How comprehensive and consultative approach with industry in destination's branding and marketing can be achieved to ensure high level of alignment between various stakeholders and industry requirements
S0973	To develop Mobile software for guiding the tourist (Char Dham Yatra & other places) in Uttarakhand state.
S0974	Animation Celebration of Terra Data
S0975	BloomWatch: An Earth Observation Application for Global Flowering Phenology
S0976	A World Away: Hunting for Exoplanets with AI
S0977	Build a Space Biology Knowledge Engine
S0978	Data Pathways to Healthy Cities and Human Settlements
S0979	Deep Dive: Immersive Data Stories from Ocean to Sky
S0980	Embiggen Your Eyes!
S0981	From EarthData to Action: Cloud Computing with Earth Observation Data for Predicting Cleaner, Safer Skies
S0982	International Space Station 25th Anniversary Apps
S0983	Meteor Madness
S0984	NASA Farm Navigators: Using NASA Data Exploration in Agriculture
S0985	Stellar Stories: Space Weather Through the Eyes of Earthlings
S0986	Through the Radar Looking Glass: Revealing Earth Processes with SAR
S0987	Will It Rain On My Parade?
S0988	Your Home in Space: The Habitat Layout Creator
S0989	AI-powered Smart Component Management (EOL & FFF replacements)
S0990	Plug-n-Play tool for battery liquid cooling plate design
S0991	Enhanced cancer treatment outcome through EM ablation simulations
S0992	Multicast over cloud for IP CCTV video streaming
S0993	Simplified verification approach for 5G network component interfaces
S0994	Latent "emotion" detection of a machine
S0995	Improving explainability of medical diagnosis systems