



**List of Problem Statements as on 26th Jan 2022**

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
<b>Hardware</b>					
1	Ministry of Consumer Affairs	Smart Buffer Stock Solution	Hardware	VM742	Agriculture, FoodTech & Rural Development
2	AICTE-MIC	Student Innovation	Hardware	SM960	Agriculture, FoodTech & Rural Development
3	Rajasthan Government	To develop new ways of Waste water management system in rural areas	Hardware	TK1049	Agriculture, FoodTech & Rural Development
4	Govt. of Uttarakhand	To develop Waste water management system in villages.	Hardware	AU1060	Agriculture, FoodTech & Rural Development
5	AICTE-MIC	Student Innovation	Hardware	SM967	Blockchain & Cybersecurity
6	AICTE-MIC	Student Innovation	Hardware	SM964	Clean & Green Technology
7	Department of Science & Technology	Water harvesting:	Hardware	DA1070	Clean & Green Technology

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
8	Housing & Urban Affairs Ministry	Suggest an innovative technical approach to address the air pollution and stubble burning in Delhi/NCR.	Hardware	BV807	Disaster Management
9	Housing & Urban Affairs Ministry	Suggest an effective way for mitigating the problem of conserving and re-using the rain water and reduce water demand at source.	Hardware	BV814	Disaster Management
10	Housing & Urban Affairs Ministry	Suggest an innovative approach for redeveloping the centralized sewage treatment plants and help the city managers to better adopt decentralized approaches and ensure water resources through reuse.	Hardware	BV815	Disaster Management
11	NATIONAL DISASTER RESPONSE FORCE	Administrative Difficulties faced by NDRF in Rescue missions in floods/GLOF(Glacial Lake Outburst Flood) situations	Hardware	GS899	Disaster Management
12	NATIONAL DISASTER RESPONSE FORCE	Identification and location of voids in earthquake scenario	Hardware	GS901	Disaster Management
13	NATIONAL DISASTER RESPONSE FORCE	Effective Under water search/ROV	Hardware	GS902	Disaster Management
14	NATIONAL DISASTER RESPONSE FORCE	Smart wearables for rescuers/victims	Hardware	GS904	Disaster Management
15	NATIONAL DISASTER RESPONSE FORCE	Borewell Rescue Operations	Hardware	GS908	Disaster Management
16	AICTE-MIC	Student Innovation	Hardware	SM970	Disaster Management
17	AICTE-MIC	Student Innovation	Hardware	SM990	Disaster Management

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
18	Govt. of Uttarakhand	GIS based flood & landslide risk assessment in hilly areas of Uttarakhand.	Hardware	AU1059	Disaster Management
19	AICTE-MIC	Student Innovation	Hardware	SM957	Fitness & Sports
20	AICTE-MIC	Student Innovation	Hardware	SM958	Heritage & Culture
21	Ministry of Tourism	What possible digital interventions / innovative operating models can be implemented to ensure that operations and maintenance of these assets is being undertaken to the required service levels?	Hardware	PK1034	Heritage & Culture
22	Ministry of Tourism	How can tourist experience at these assets be gauged through digital interventions that can save time and effort in undertaking physical surveys to assess the same?	Hardware	PK1035	Heritage & Culture
23	Ministry of AYUSH	Portable decoction of (Kashaya) Making Machine	Hardware	DK732	MedTech / BioTech / HealthTech
24	Ministry of AYUSH	Smart Watch with vital record and lifestyle recommendation with mobile application	Hardware	DK736	MedTech / BioTech / HealthTech
25	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	IoT based solution for recording and storing metrics of normal and orthotic leg for analysis by Orthotist.	Hardware	RK766	MedTech / BioTech / HealthTech

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26	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Using depth sensors or computer vision in prosthetic lower extremity exoskeleton appliance to alert or adjust gait.	Hardware	RK767	MedTech / BioTech / HealthTech
27	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Smart knee actuator cushion using pressure sensitive material	Hardware	RK770	MedTech / BioTech / HealthTech
28	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Development of Software for AAC for persons with different disabilities	Hardware	RK777	MedTech / BioTech / HealthTech
29	Housing & Urban Affairs Ministry	Suggest an effective way for tackling the issue of improper disposal of personal COVID protection equipment which leads to an additional strain on the city authorities who were already grappling with single use plastic menace.	Hardware	BV810	MedTech / BioTech / HealthTech
30	AICTE-MIC	Student Innovation	Hardware	SM959	MedTech / BioTech / HealthTech
31	Govt. of Uttarakhand	To develop economic waste management system for each village/city.	Hardware	AU1055	MedTech / BioTech / HealthTech
32	Govt. of Uttarakhand	To develop automatic irrigation system by use of waste water for small irrigation field.	Hardware	AU1058	MedTech / BioTech / HealthTech
33	Department of Science & Technology	Knee support for elderly for transferring body weight to shoe	Hardware	DA1063	MedTech / BioTech / HealthTech

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34	Department of Science & Technology	Non-invasive Glucometer	Hardware	DA1064	MedTech / BioTech / HealthTech
35	AICTE-MIC	Student Innovation	Hardware	SM968	Miscellaneous
36	Rajasthan Government	To find ways to replace prisons with socially effective methods of societal reintegration	Hardware	TK1051	Miscellaneous
37	Department of Science & Technology	Video conference – Eye to eye contact – Mobile App	Hardware	DA1067	Miscellaneous
38	National Institute of Design Madhya Pradesh	Scarcity of water in hilly areas during summer months.	Hardware	ST889	Renewable / Sustainable Energy
39	AICTE-MIC	Student Innovation	Hardware	SM966	Renewable / Sustainable Energy
40	Rajasthan Government	To find all-new ways to store electric energy in bigger volume and less in size and weight.	Hardware	TK1045	Renewable / Sustainable Energy
41	Govt. of Uttarakhand	Most economical water security plan for remotest villages of Uttarakhand	Hardware	AU1057	Renewable / Sustainable Energy
42	Department of Science & Technology	Smart Networks for Renewable Integrated Sources for standalone Microgrids	Hardware	DA1072	Renewable / Sustainable Energy
43	National Institute of Ocean Technology	Measurement of Coastal topography and marking the high and low tide lines using drones.	Hardware	GR912	Robotics and Drones

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44	AICTE-MIC	Student Innovation	Hardware	SM963	Robotics and Drones
45	Rajasthan Government	To build robots for all kinds of dedicated tasks such as cleaning shoes, planting crops, cleaning windows, etc.	Hardware	TK1047	Robotics and Drones
46	Department of Science & Technology	AI based interactive robot for elderly care	Hardware	DA1066	Robotics and Drones
47	Coal India Limited	Work clothing that has sensors embedded in it to securely transmit data to managers about hazardous conditions and the workers' physical conditions, improving safety overall	Hardware	NC738	Smart Automation
48	Ministry of Culture	OCR and Fastest Scanning Device and Application	Hardware	GM745	Smart Automation
49	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Development of easy operating systems for persons with locomotor disability.	Hardware	RK760	Smart Automation
50	MEITY	Virtual Laboratory for Science subjects at school level	Hardware	PK859	Smart Automation
51	MEITY	Sustainable and No Contact Attendance system	Hardware	PK860	Smart Automation
52	AICTE-MIC	Student Innovation	Hardware	SM956	Smart Automation
53	Rajasthan Government	To innovate a Smart materials that change their behaviour based on environmental conditions i.e, taking the carbon out of carbon dioxide, and returning the dioxide back to air.	Hardware	TK1048	Smart Automation

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54	Department of Science & Technology	Solar panel with solar tracking device without power consumption	Hardware	DA1065	Smart Automation
55	Department of School Education & Literacy, Ministry of Education	Improving Education Delivery and learning outcome for specially abled children	Hardware	RK978	Smart Education
56	Department of School Education & Literacy, Ministry of Education	Identify slow learners for remedial teaching and capacity building for innovative methods	Hardware	RK979	Smart Education
57	AICTE-MIC	Student Innovation	Hardware	SM961	Smart Vehicles
58	Coal India Limited	Prototype of a Solar Powered IOT Device with the ability to connect to a smart network to be used in Geo Tagging of Physical Assets Created under CSR	Hardware	NC739	Transportation & Logistics
59	Housing & Urban Affairs Ministry	Suggest a solution to ensure that the demand for public transport resonates with the stretched peak hours to ensure uniform demand during these hours.	Hardware	BV809	Transportation & Logistics
60	AICTE-MIC	Student Innovation	Hardware	SM962	Transportation & Logistics
61	Govt. of Uttarakhand	To construct ropeway map/structure in hilly areas for transportation	Hardware	AU1056	Transportation & Logistics
62	Department of Science & Technology	Wheel Chair with attachment for B-Type oxygen cylinder for COPD patients	Hardware	DA1069	Transportation & Logistics
63	AICTE-MIC	Student Innovation	Hardware	SM965	Travel & Tourism

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64	Ministry of Tourism	Estimation of current CO2 emissions in Tourism and ways to reduce them	Hardware	PK1027	Travel & Tourism
<b>Software</b>					
65	Department of School Education & Literacy, Ministry of Education	Development of a happiness index for schools (including mental health and well-being parameters, among others) with self-assessment facilities.	Software	RK782	Agriculture, FoodTech & Rural Development
66	Department of School Education & Literacy, Ministry of Education	App for government asset management	Software	RK784	Agriculture, FoodTech & Rural Development
67	Housing & Urban Affairs Ministry	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.	Software	BV803	Agriculture, FoodTech & Rural Development
68	Housing & Urban Affairs Ministry	An unique solution that would help to include informal vendors in the public space development without compromising on the Urban Design.	Software	BV813	Agriculture, FoodTech & Rural Development
69	INCOIS(MoES)	Automated Identification of Fish Species (AutoFiS)	Software	NK826	Agriculture, FoodTech & Rural Development
70	INCOIS(MoES)	Fishing boat Activity Clustering and Timeline Studying (FACTS)	Software	NK829	Agriculture, FoodTech & Rural Development
71	INCOIS(MoES)	Automated Animal Identification and Detection of Species (AAIDeS)	Software	NK831	Agriculture, FoodTech & Rural Development
72	AICTE-MIC	Student Innovation	Software	SM947	Agriculture, FoodTech & Rural Development



S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
73	Ministry of Rural development	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	Software	SH994	Agriculture, FoodTech & Rural Development
74	Ministry of Rural development	Create a Visualisation for Streamlining of Reporting Framework for Mahatma Gandhi NREGS reports	Software	SH995	Agriculture, FoodTech & Rural Development
75	Ministry of Rural development	Website and Application For convergence with MoLE initiatives	Software	SH998	Agriculture, FoodTech & Rural Development
76	Ministry of Rural development	Develop a system for high compressionand decompressionof Photograph and documents without loss of Quality	Software	SH1000	Agriculture, FoodTech & Rural Development
77	Ministry of Rural development	Develop an ICT enabled mechanism to monitor quality of houses constructed under PradhanMantri Awaas Yojana– Gramin (PMAY-G) in most cost-effectiveway.	Software	SH1002	Agriculture, FoodTech & Rural Development
78	Ministry of Rural development	Create a system to recognize and understand local dialect by Computer or other IT devices to deliver voice	Software	SH1003	Agriculture, FoodTech & Rural Development
79	Ministry of Rural development	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)	Software	SH1006	Agriculture, FoodTech & Rural Development
80	Ministry of Rural development	Mechanism to help rural people to self select for receiving benefit offered underGovt. scheme.	Software	SH1007	Agriculture, FoodTech & Rural Development
81	Ministry of Rural development	Real time visualization of location wise financial transactions (volume and amount) for various schemes[such as PMAY(G), MGNREGS, PMGSY,NRLM, DDU-GKY]	Software	SH1008	Agriculture, FoodTech & Rural Development
82	Ministry of Rural development	"Mechanism to effectively track and capture Attendance at work sites for MGNREGS workers using IRIS based attendance monitoring system"	Software	SH1010	Agriculture, FoodTech & Rural Development

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83	Ministry of Rural development	Provide easy and realtime access of information on housing typologies for area selected by Individuals for House construction	Software	SH1012	Agriculture, FoodTech & Rural Development
84	Ministry of Rural development	Mechanism for linking of works under convergence in Rurban with multiple DBs (e.g.:MGNREGS, PMUY, DDU-GKY, PMAY etc.)	Software	SH1013	Agriculture, FoodTech & Rural Development
85	Ministry of Rural development	An app which helps in automating the permission needed for development works like building permission, spatial lands etc according to the development norms.	Software	SH1017	Agriculture, FoodTech & Rural Development
86	Ministry of Rural development	Identification of missing LSBs which can be added in the road network to minimize the travel time	Software	SH1020	Agriculture, FoodTech & Rural Development
87	Ministry of Rural development	Identification of Missing Bridges which would increase the connectivity between regions	Software	SH1021	Agriculture, FoodTech & Rural Development
88	Ministry of Rural development	Identification of Flood Prone Roads	Software	SH1022	Agriculture, FoodTech & Rural Development
89	Ministry of Rural development	System for an efficient and transparent process of buyer-seller interactions, provision for creating niche product offerings for SHG groups for all areas	Software	SH1023	Agriculture, FoodTech & Rural Development
90	Ministry of Rural development	Real-time transaction to be introduced for SHGs and their Federations	Software	SH1024	Agriculture, FoodTech & Rural Development
91	Ministry of Fisheries, Animal Husbandry & Dairying	Online registration and processing of dairy farmers producing milk and other livestock products	Software	DV1080	Agriculture, FoodTech & Rural Development
92	Ministry of Fisheries, Animal Husbandry & Dairying	An online platform to link potential dairy importers of the world with the major dairy product manufacturers of the Country.	Software	DV1081	Agriculture, FoodTech & Rural Development

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93	Ministry of Fisheries, Animal Husbandry & Dairying	A web portal to manage and strengthen dairy infrastructure of dairy processors of the Cooperative and private dairy sector.	Software	DV1082	Agriculture, FoodTech & Rural Development
94	ISRO	Software toolset for storage browsing and permission based access to geospatial data using blockchain	Software	SS604	Blockchain & Cybersecurity
95	AICTE	Graphical Password Authentication	Software	DR705	Blockchain & Cybersecurity
96	AICTE	Network Traffic Analyzer	Software	DR706	Blockchain & Cybersecurity
97	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Tracing IP address and details of unidentified participants while academic sessions.	Software	RK755	Blockchain & Cybersecurity
98	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Tracing IP Address behind VPN/Proxy Servers	Software	RK756	Blockchain & Cybersecurity
99	GAIL (India) Limited	Develop a Smart Attendance Capturing Mobile App	Software	SK794	Blockchain & Cybersecurity
100	AICTE-MIC	Student Innovation	Software	SM954	Blockchain & Cybersecurity
101	Police Department - Madhya Pradesh	Big Data Searching.	Software	AT980	Blockchain & Cybersecurity

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102	Police Department - Madhya Pradesh	Drone Neutralisation Technique in city/crowded areas to neutralise drones without hampering other radio signals or other equipment in a certain range.	Software	AT981	Blockchain & Cybersecurity
103	Police Department - Madhya Pradesh	Vehicle number recognition by using existing general surveillance cameras	Software	AT982	Blockchain & Cybersecurity
104	Police Department - Madhya Pradesh	Predictive analytic solutions using AI	Software	AT983	Blockchain & Cybersecurity
105	Police Department - Madhya Pradesh	Creation of G.I.S. Layers through GPS Data of Dial 100 Vehicles.	Software	AT984	Blockchain & Cybersecurity
106	Police Department - Madhya Pradesh	Transfer of Multimedia data through Police Radio Sets.	Software	AT985	Blockchain & Cybersecurity
107	Police Department - Madhya Pradesh	Detection of Criminal Activities/Criminal through CCTV by analysing live footage for melee, mob formation, body language of suspect etc	Software	AT986	Blockchain & Cybersecurity
108	Police Department - Madhya Pradesh	Speech to text conversion for local ethnic languages of MP like Malavi, Bagheli etc.	Software	AT987	Blockchain & Cybersecurity
109	Police Department - Madhya Pradesh	System would Identification of System Generated, Spoof Calls landing at Dial 100 Control Room	Software	AT988	Blockchain & Cybersecurity
110	Police Department - Madhya Pradesh	Speech Emotion Recognition (SER) on live calls while creating events.	Software	AT989	Blockchain & Cybersecurity
111	Ministry of External Affairs (MEA)	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.	Software	LC1076	Blockchain & Cybersecurity

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112	Housing & Urban Affairs Ministry	Suggest a solution to help municipal bodies maximize solid waste collection with their given resources.	Software	BV805	Clean & Green Technology
113	Housing & Urban Affairs Ministry	Suggest an improvised way of tackling the issue of creating a consistent supply chain to augment the use of Bio fuels.	Software	BV808	Clean & Green Technology
114	International Council for Circular Economy	Tracking of supply chain and reverse logistics of products to reduce environmental impact	Software	SG862	Clean & Green Technology
115	International Council for Circular Economy	Solution to establish a zero waste society with proper waste disposal management	Software	SG863	Clean & Green Technology
116	International Council for Circular Economy	Tracking, reducing and reusing of plastic waste	Software	SG864	Clean & Green Technology
117	International Council for Circular Economy	Using food waste as consumable organic resource	Software	SG866	Clean & Green Technology
118	International Council for Circular Economy	Tracking of food waste for productive usage	Software	SG867	Clean & Green Technology
119	AICTE-MIC	Student Innovation	Software	SM951	Clean & Green Technology
120	Ministry of Rural development	Identification of reduction in carbonfootprint using newtechnologies	Software	SH1019	Clean & Green Technology
121	Rajasthan Government	To create a eco-friendly way of packing several varieties of foods	Software	TK1044	Clean & Green Technology

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122	ISRO	Weather Forecast and its Visualization using Augmented Reality (AR): Mobile App	Software	SS589	Disaster Management
123	ISRO	Deep Learning based Cyclone Intensity estimation using INSAT-3D IR imagery	Software	SS591	Disaster Management
124	ISRO	Water Quality from Mobile captured and Google earth images	Software	SS596	Disaster Management
125	ISRO	Flood inundation probability mapping	Software	SS597	Disaster Management
126	ISRO	Prediction of TEC variations with Artificial Intelligence using Space Weather Data as input	Software	SS612	Disaster Management
127	Central Ground Water Board (CGWB), Ministry of Jal Shakti	Artificial intelligence enabled robotic trash boat to drive & harvest floating trash from urban drain-	Software	BV800	Disaster Management
128	Central Ground Water Board (CGWB), Ministry of Jal Shakti	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	Software	BV801	Disaster Management
129	Housing & Urban Affairs Ministry	Suggest an effective solution that would help the city managers to overcome the problem of sewerage blockage.	Software	BV816	Disaster Management
130	IMD, MoES	Real Time Satellite Imagery dissemination app	Software	GR818	Disaster Management
131	IMD, MoES	Bias correction of NWP model temperature forecasts for cities using ANN/ML/DL	Software	GR821	Disaster Management

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132	IMD, MoES	Consensus of hourly visibility forecast for airports using NWP model and observations	Software	GR822	Disaster Management
133	INCOIS(MoES)	Identification of regions prone to boat overturning	Software	NK824	Disaster Management
134	INCOIS(MoES)	Prediction of drifted personnel or asset	Software	NK825	Disaster Management
135	INCOIS(MoES)	Prediction of Oil Spills Events at Sea (POSEatSea)	Software	NK827	Disaster Management
136	INCOIS(MoES)	Flagging of (AIS) INactivity Data (FIND)	Software	NK830	Disaster Management
137	International Council for Circular Economy	Industrial wastewater treatment	Software	SG865	Disaster Management
138	NATIONAL DISASTER RESPONSE FORCE	Extraction of Data including voice and images from various social Media platforms from Disaster struck areas	Software	GS900	Disaster Management
139	NATIONAL DISASTER RESPONSE FORCE	Predictive warning for release of water from reservoirs causing flood situation	Software	GS903	Disaster Management
140	NATIONAL DISASTER RESPONSE FORCE	Programming Simulations on various Disaster situations	Software	GS905	Disaster Management
141	NATIONAL DISASTER RESPONSE FORCE	Community connect with trained NCC/NSS volunteers for remote locations during disasters	Software	GS906	Disaster Management

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142	NATIONAL DISASTER RESPONSE FORCE	Alerts/early warnings regarding the Heat Wave/Lightening strike to citizens/ Early Warning System for Lightening and Heat Wave	Software	GS907	Disaster Management
143	NATIONAL DISASTER RESPONSE FORCE	High resolution 3D of terrain and infrastructure, Road travel conditions in Disaster struck areas	Software	GS909	Disaster Management
144	NATIONAL DISASTER RESPONSE FORCE	Using Innovative Blockchain Technologies in Emergency Management and Disaster Response	Software	GS910	Disaster Management
145	National Institute of Ocean Technology	Uploading and updating the database of pothole on road on Maps to help people driving their vehicle when the roads are flooded.	Software	GR922	Disaster Management
146	AICTE-MIC	Student Innovation	Software	SM972	Disaster Management
147	Department of School Education & Literacy, Ministry of Education	Tracking the impact of PM POSHAN on a child's nutritional status and physical health and well-being	Software	RK779	Fitness & Sports
148	AICTE-MIC	Student Innovation	Software	SM944	Fitness & Sports
149	Department of Science & Technology	Gaming Apps, etc. for the elderly	Software	DA1071	Fitness & Sports
150	Ministry of Culture	Virtual Visit to Indian pilgrimages	Software	GM743	Heritage & Culture
151	Ministry of Culture	AR App showcasing Turbans of India	Software	GM744	Heritage & Culture



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152	Ministry of Culture	Indoor Navigation for Museums	Software	GM746	Heritage & Culture
153	Ministry of Culture	Hologram with Speech Synthesis	Software	GM747	Heritage & Culture
154	Ministry of Culture	Augmented Reality Classroom Programme	Software	GM748	Heritage & Culture
155	Ministry of Culture	Digital Reconstruction of Monuments	Software	GM749	Heritage & Culture
156	Ministry of Culture	Ticketless Entry System to Monuments/Museums	Software	GM750	Heritage & Culture
157	Ministry of Culture	3D Planetarium Software	Software	GM751	Heritage & Culture
158	Ministry of Culture	AR App for Monuments	Software	GM752	Heritage & Culture
159	Ministry of Culture	Virtual Excavation Game	Software	GM753	Heritage & Culture
160	Ministry of Culture	E-commerce for Artisans	Software	GM754	Heritage & Culture
161	GAIL (India) Limited	Forecasting Natural Gas International Prices using advanced Time-Series Techniques	Software	SK793	Heritage & Culture

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162	Department of Social Justice & Empowerment, Ministry of Social Justice and Empowerment	Simplifying the verification process of granting scholarship	Software	RS923	Heritage & Culture
163	AICTE-MIC	Student Innovation	Software	SM945	Heritage & Culture
164	IKS- AICTE	OCR of Temple inscriptions and translations in Devanagari Scripts.	Software	AD973	Heritage & Culture
165	IKS- AICTE	Real time translations for regional languages	Software	AD974	Heritage & Culture
166	IKS- AICTE	Search Engine for Vedas ,related text words.	Software	AD975	Heritage & Culture
167	IKS- AICTE	Sanskrit voice to text and interface in Google Search Engine.	Software	AD976	Heritage & Culture
168	Ministry of Tourism	What proactive initiatives including digital interventions can be taken up to ensure avoidance of such incidents at tourist sites in the future ?	Software	PK1036	Heritage & Culture
169	Ministry of Tourism	How can incidents related to tourist overcharging, duping and overall lack of information can be avoided and checked across various tourism service providers.	Software	PK1037	Heritage & Culture
170	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Making Interactive Interface and adding functionality in the existing application of ADIP Cochlear Implant Program application by Ministry of Social Justice and Empowerment, GoI.	Software	RK778	MedTech / BioTech / HealthTe

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171	Ministry of AYUSH	Mobile Application for Diet Recall	Software	DK731	MedTech / BioTech / HealthTech
172	Ministry of AYUSH	Virtual reality based solution for training medical students	Software	DK733	MedTech / BioTech / HealthTech
173	Ministry of AYUSH	App for Ayush Services Availability	Software	DK735	MedTech / BioTech / HealthTech
174	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	App for registration of Persons with Disabilities under ADIP scheme	Software	RK768	MedTech / BioTech / HealthTech
175	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Designing an app for screening the possible mental health issues in adolescents and PwDs.	Software	RK769	MedTech / BioTech / HealthTech
176	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	A simplified app for assessment of reading and writing difficulties in persons with Specific Learning Disabilities.	Software	RK771	MedTech / BioTech / HealthTech
177	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Fall Detection and Alerts in hearing aids for deaf and hearing impairment	Software	RK772	MedTech / BioTech / HealthTech

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178	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Difficulties in walking with white cane in surrounding environments.	Software	RK773	MedTech / BioTech / HealthTech
179	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Software for facilitation of various Govt. schemes for persons with disabilities.	Software	RK775	MedTech / BioTech / HealthTech
180	GAIL (India) Limited	AI-enhanced OT security tool	Software	SK792	MedTech / BioTech / HealthTech
181	MEITY	Identifying the Dyslexia, Dyscalculia, Dysgraphia, Dyspraxia, Autism or ADHD in school going children.	Software	PK854	MedTech / BioTech / HealthTech
182	AICTE-MIC	Student Innovation	Software	SM946	MedTech / BioTech / HealthTech
183	Rajasthan Government	To develop a sytem Electronically detecting occupancy of beds in Hospitals	Software	TK1052	MedTech / BioTech / HealthTech
184	Govt. of Uttarakhand	To develop a website for systematic farming for farmers in local languages.	Software	AU1053	MedTech / BioTech / HealthTech
185	Govt. of Uttarakhand	To develop software to identify famous local things at particular villages.	Software	AU1054	MedTech / BioTech / HealthTech
186	Department of Science & Technology	Temperature sensitive / programmable stickers for medicines and other temperature sensitive products:	Software	DA1062	MedTech / BioTech / HealthTech

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
187	ISRO	Runtime remote video quality assessment	Software	SS584	Miscellaneous
188	ISRO	Video metadata generation & classification	Software	SS585	Miscellaneous
189	ISRO	DISCOVER	Software	SS586	Miscellaneous
190	ISRO	HERITAGE Identification of monuments using Deep Learning Techniques	Software	SS588	Miscellaneous
191	ISRO	Pseudo height assignment to INSAT 3D/3DR Cloud data and its 3D visualization on Web	Software	SS590	Miscellaneous
192	ISRO	Seamless indoor-outdoor navigation	Software	SS592	Miscellaneous
193	ISRO	Processing, visualization and application development of raw GNSS data on Android Smartphones	Software	SS593	Miscellaneous
194	ISRO	Multispectral satellite image dehazing	Software	SS594	Miscellaneous
195	ISRO	Android application for the imaging possibilities by an Earth observing satellite	Software	SS595	Miscellaneous
196	ISRO	Natural Language search tool for Web GIS	Software	SS598	Miscellaneous

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
197	ISRO	Producing Super Resolution Digital Elevation Models from low resolution DEMs	Software	SS600	Miscellaneous
198	ISRO	Fully automated seamless on-the-fly mosaicking of satellite images	Software	SS607	Miscellaneous
199	ISRO	Visual Question and Answering with Satellite Images	Software	SS610	Miscellaneous
200	ISRO	High accuracy positioning on mobile or automotive NavIC/GNSS receivers for road lane navigation	Software	SS613	Miscellaneous
201	ISRO	Symbol Rate/Bandwidth Estimation	Software	SS614	Miscellaneous
202	ISRO	Real-Time Adaptive Speech Mixing and Audio-video synchronization	Software	SS615	Miscellaneous
203	Coal India Limited	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	Software	NC737	Miscellaneous
204	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Development of ADIP-CI Post-operative rehabilitation details software.	Software	RK776	Miscellaneous
205	Department of School Education & Literacy, Ministry of Education	Tracking the achievement of Learning Outcomes in Foundational Years	Software	RK780	Miscellaneous

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
206	Department of School Education & Literacy, Ministry of Education	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.	Software	RK781	Miscellaneous
207	Department of School Education & Literacy, Ministry of Education	Crowd Sourcing model for preparing large question banks.	Software	RK783	Miscellaneous
208	Department of School Education & Literacy, Ministry of Education	Solution to prevent copy right infringement/piracy/plagiarism of NCERT text books.	Software	RK785	Miscellaneous
209	Department of School Education & Literacy, Ministry of Education	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	Software	RK786	Miscellaneous
210	Department of School Education & Literacy, Ministry of Education	Making career choices and AI based counselling accessible to every child at secondary level along with aptitude tests and detailed career paths	Software	RK788	Miscellaneous
211	Department of School Education & Literacy, Ministry of Education	An App or progress card to guide parents to facilitate and ensure holistic growth in cognitive, psychomotor and affective domains.	Software	RK789	Miscellaneous
212	Department of School Education & Literacy, Ministry of Education	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	Software	RK790	Miscellaneous
213	Department of School Education & Literacy, Ministry of Education	Mental health and well-being surveillance, assessment and tracking solution among children	Software	RK791	Miscellaneous
214	Housing & Urban Affairs Ministry	Suggest a solution to predict the local impact of urban flooding in major cities.	Software	BV802	Miscellaneous

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
215	Housing & Urban Affairs Ministry	Municipal Finances and Tax Management System.	Software	BV804	Miscellaneous
216	Housing & Urban Affairs Ministry	Suggest an innovative approach to serve the educational needs of the weaker section of the society during this challenging situation of COVID-19.	Software	BV811	Miscellaneous
217	IMD, MoES	Subset Wizard along with Data Format Conversion Utility	Software	GR817	Miscellaneous
218	IMD, MoES	Data Format Conversion Utility	Software	GR819	Miscellaneous
219	IMD, MoES	HORIZONTAL WIND CALCULATION FOR A VERTICAL COLUMN OF A VOLUME SCAN OF RADAR	Software	GR820	Miscellaneous
220	IMD, MoES	Non-residential built-up extraction using AI techniques	Software	GR823	Miscellaneous
221	MEITY	Preparing AI ready datasets.	Software	PK842	Miscellaneous
222	MEITY	Indian Plagiarism tool	Software	PK843	Miscellaneous
223	MEITY	Terms and Condition Checking Tool	Software	PK844	Miscellaneous
224	MEITY	Career guidance System	Software	PK845	Miscellaneous



S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
225	MEITY	Finding Impact of Online Games	Software	PK846	Miscellaneous
226	MEITY	Assessment of Tele-Education(Online Content which teaches an individual)	Software	PK849	Miscellaneous
227	MEITY	Unique Student Identity and student profile system	Software	PK850	Miscellaneous
228	MEITY	Offline Portal For Direct Benefit Transfer of Scholarship	Software	PK851	Miscellaneous
229	MEITY	Online knowledge Assesment	Software	PK852	Miscellaneous
230	MEITY	Handwriting Assessment	Software	PK853	Miscellaneous
231	MEITY	Cyber Hygiene for Students	Software	PK855	Miscellaneous
232	MEITY	Controlling Screen time for Children	Software	PK856	Miscellaneous
233	MEITY	Digital Grammer Teacher	Software	PK857	Miscellaneous
234	Ministry of Mines	"Interpretation of geological, geochemical, and geophysical dataset using ML/AI to carve out new mineral potential areas."	Software	SS861	Miscellaneous

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
235	Ministry of Mines	Grade-wise iron-ore accounting from mines to end-points to prevent loss of revenue to the state	Software	SS868	Miscellaneous
236	Ministry of Mines	"Interpretation of geological, geochemical, and geophysical dataset using ML/AI to carve out new mineral potential areas."	Software	SS869	Miscellaneous
237	Ministry of Skill Development and Entrepreneurship	Farming equipment's are expensive, leveraging unused equipment may add to additional income for the farmers.	Software	DB887	Miscellaneous
238	National Institute of Design Madhya Pradesh	"Automated feedback system to know the exact location of non-functional streetlights in the rural areas of Central India"	Software	ST888	Miscellaneous
239	National Institute of Design Madhya Pradesh	App/portal for tracking/finding of missing persons/children by use of Aadhaar enabled Biometric details:	Software	ST891	Miscellaneous
240	NAAC	Assessment of Higher Educational Institutes by NAAC	Software	SS893	Miscellaneous
241	Narcotics Control Bureau	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.	Software	PK894	Miscellaneous
242	Narcotics Control Bureau	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.	Software	PK895	Miscellaneous

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
243	Narcotics Control Bureau	Development of an app where general public can report information on drug trafficking anonymously.	Software	PK896	Miscellaneous
244	Narcotics Control Bureau	Crawling of the Darknet markets to identify drug traffickers on dark net based in India and the drugs they offer for sale.	Software	PK897	Miscellaneous
245	Narcotics Control Bureau	Digital foot printing of crypto currency transactions for drug trafficking over Darknetdone by persons based in India	Software	PK898	Miscellaneous
246	National Institute of Ocean Technology	Video Compression algorithm for GSM & Satellite telemetry	Software	GR914	Miscellaneous
247	National Institute of Ocean Technology	Software to track any new IP assigned and joins the network other than the approved list of IP's.	Software	GR916	Miscellaneous
248	National Institute of Ocean Technology	To track list of software installed in the PC's / Workstation's attached to the network.	Software	GR917	Miscellaneous
249	National Institute of Ocean Technology	Software for system hardware inventory.	Software	GR918	Miscellaneous
250	National Institute of Ocean Technology	Print Management Software.	Software	GR919	Miscellaneous
251	National Institute of Ocean Technology	Management Software on software utilisation	Software	GR920	Miscellaneous
252	National Institute of Ocean Technology	Programming a microcontroller wirelessly.	Software	GR921	Miscellaneous

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
253	UNIVERSITY GRANTS COMMISSION	Development of fully automatic system to enable Online Expert Committee Visits for statutory bodies	Software	VS929	Miscellaneous
254	UNIVERSITY GRANTS COMMISSION	Development of Online projects progress monitoring system for funded Higher Educational Institutions under various schemes and the funding agencies	Software	VS930	Miscellaneous
255	UNIVERSITY GRANTS COMMISSION	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	Software	VS931	Miscellaneous
256	UNIVERSITY GRANTS COMMISSION	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	Software	VS932	Miscellaneous
257	UNIVERSITY GRANTS COMMISSION	Development of Integrated dashboard for sharing of innovation and startups with success stories across Higher Educational Institutions and relevant stakeholders	Software	VS933	Miscellaneous
258	UNIVERSITY GRANTS COMMISSION	Development of Integrated dashboard for placement (students and companies)	Software	VS934	Miscellaneous
259	UNIVERSITY GRANTS COMMISSION	Development of portal for sharing of resources amongst Higher Educational Institutions on mutual agreement basis	Software	VS935	Miscellaneous
260	UNIVERSITY GRANTS COMMISSION	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	Software	VS936	Miscellaneous

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
261	UNIVERSITY GRANTS COMMISSION	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	Software	VS937	Miscellaneous
262	UNIVERSITY GRANTS COMMISSION	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	Software	VS938	Miscellaneous
263	UNIVERSITY GRANTS COMMISSION	Development of text based chatBot capable of handling queries related to UGC/HEI	Software	VS939	Miscellaneous
264	UNIVERSITY GRANTS COMMISSION	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	Software	VS940	Miscellaneous
265	UNIVERSITY GRANTS COMMISSION	Development of run time UGC Legal Court Cases tracking system duly integrated with various Courts of India for real time monitoring	Software	VS941	Miscellaneous
266	UNIVERSITY GRANTS COMMISSION	Development of system to avoid duplicity of Research Projects submitted to various funding agencies	Software	VS942	Miscellaneous
267	AICTE-MIC	Student Innovation	Software	SM955	Miscellaneous
268	Ministry of Rural development	Maintaining and updating the records for SHG in realtime where network connectivity is low.	Software	SH1014	Miscellaneous
269	Rajasthan Government	To create systems that alleviate waiting in line - at doctors, at shops, at bus stops.	Software	TK1050	Miscellaneous

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
270	Department of Science & Technology	Effective search mechanism for suggestive response to Parliament Questions	Software	DA1068	Miscellaneous
271	Ministry of Finance	Single Database on Orders of arbitrator & mediation	Software	RS1077	Miscellaneous
272	Ministry of Finance	Development of Information App for Alert on Financial Matters	Software	RS1078	Miscellaneous
273	Ministry of Finance	Upgradation of Jan-Dhan Darshak App	Software	RS1079	Miscellaneous
274	AICTE	Energy Conservation with modern technology	Software	DR704	Renewable / Sustainable Energy
275	INCOIS(MoES)	Cost of Air Pollution to Solar Power Generation (CAPsolar)	Software	NK828	Renewable / Sustainable Energy
276	AICTE-MIC	Student Innovation	Software	SM953	Renewable / Sustainable Energy
277	National Institute of Design Madhya Pradesh	Insufficient medical support system and remote villages in hill areas	Software	ST890	Robotics and Drones
278	National Institute of Ocean Technology	Pattern recognition algorithm to identify marine animals.	Software	GR915	Robotics and Drones
279	AICTE-MIC	Student Innovation	Software	SM950	Robotics and Drones

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
280	Autodesk India Pvt. Ltd.	Design a Drone using Autodesk Fusion 360 Software (Free for education & Students) for ANY ONE of the below services.	Software	AV991	Robotics and Drones
281	AICTE	AI based Chatbot to answer FAQs	Software	DR702	Smart Automation
282	AICTE	Software for easing government procurements	Software	DR707	Smart Automation
283	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	DEVELOPMENT & IMPLEMENTATION OF AN INTEGRATED WEB-BASED OFFICE DOCUMENT MANAGEMENT SYSTEM	Software	RK761	Smart Automation
284	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	DEVELOPMENT OF A WEB-BASED PLATFORM & MOBILE APP FOR STORING & SHARING INFORMATION ABOUT ACCESSIBLE BUILDINGS/ OFFICES/ PUBLIC PLACES/ BUS STOPS/ RAILWAYS/ MARKETPLACE SCHOOLS ETC.	Software	RK762	Smart Automation
285	Indian Council for Cultural Relations	Digital infrastructure and a robust and smart Document Management System (DMS)	Software	RK795	Smart Automation
286	Indian Council for Cultural Relations	Online Monitoring and Evaluation System for ICCR's Regional Offices (ROs)?	Software	RK796	Smart Automation
287	Indian Council for Cultural Relations	Online Monitoring and Evaluation System for ICCR's Indian Cultural Centers (ICC) abroad?	Software	RK797	Smart Automation

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
288	Central Ground Water Board (CGWB), Ministry of Jal Shakti	Standalone Desktop application for pumping test data analysis	Software	BV798	Smart Automation
289	Central Ground Water Board (CGWB), Ministry of Jal Shakti	Use of Digital Technology in addressing Non-Revenue Water (NRW)	Software	BV799	Smart Automation
290	MEITY	Smart Document Capture Platform	Software	PK832	Smart Automation
291	MEITY	Conversational Demographics Data Update System	Software	PK833	Smart Automation
292	MEITY	Digital Payment Solution.	Software	PK834	Smart Automation
293	MEITY	Aadhaar Data Vault	Software	PK835	Smart Automation
294	MEITY	Mobile Operator Booking Platform.	Software	PK836	Smart Automation
295	MEITY	Document Quality Score	Software	PK837	Smart Automation
296	MEITY	Innovative Resident Application.	Software	PK838	Smart Automation
297	MEITY	Aadhaar Kiosk	Software	PK839	Smart Automation



S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
298	MEITY	Resident Consent Framework.	Software	PK840	Smart Automation
299	MEITY	Push notification for Address change.	Software	PK841	Smart Automation
300	MEITY	Voice based delivery of academic records	Software	PK847	Smart Automation
301	MEITY	Recommendation System for Future Skills	Software	PK848	Smart Automation
302	MEITY	Automated Notes Maker from Audio Recordings	Software	PK858	Smart Automation
303	Ministry of Skill Development and Entrepreneurship	AI BASED PLATFORM for entrepreneurs for decision making process	Software	DB879	Smart Automation
304	Ministry of Skill Development and Entrepreneurship	Artificial Intelligence Based mobile application for the workers and website based admin tool for management.	Software	DB880	Smart Automation
305	Ministry of Skill Development and Entrepreneurship	National Entrepreneurship Internship Exchange	Software	DB881	Smart Automation
306	Ministry of Skill Development and Entrepreneurship	PWD (Divyang) user friendly Entrepreneurship Support & Facilitation Ecosystem	Software	DB882	Smart Automation
307	Ministry of Skill Development and Entrepreneurship	Entrepreneurship Facilitation Services Processing Centre:	Software	DB883	Smart Automation

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
308	Ministry of Skill Development and Entrepreneurship	Analysis of Business of MSME Sector	Software	DB884	Smart Automation
309	Ministry of Skill Development and Entrepreneurship	To start Skill India Helpline (Toll-Free) number	Software	DB885	Smart Automation
310	Ministry of Skill Development and Entrepreneurship	Automatic sign and photo detection from the uploaded documents by trainees during admissions using Artificial Intelligence and Optical Character Recognition.	Software	DB886	Smart Automation
311	National Institute of Design Madhya Pradesh	"Application based solution for tracking and creating information system for Overloaded Commercial vehicles."	Software	ST892	Smart Automation
312	National Institute of Ocean Technology	Software solution for E-Mail Load Balancing	Software	GR913	Smart Automation
313	AICTE-MIC	Student Innovation	Software	SM943	Smart Automation
314	Ministry of Rural development	Automation of mechanism for image capturing, processing, standardization, evaluation, classification leading to better decision making results for various programs using Deep learning, image processing algorithms, AI algorithms	Software	SH996	Smart Automation
315	Ministry of Rural development	Solution for impact assessment of Natural Resource Management (NRM) assets on the ground.	Software	SH997	Smart Automation
316	Ministry of Rural development	Develop a tool to detect, separate and match Individual from a group photo using Face Recognition mechanism.	Software	SH999	Smart Automation

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
317	Ministry of Rural development	Create a System for drawing a complete polygon for any small asset (i.e. Assets developed during MGNREGA, PMAYG schemes) by knowing 3 coordinates along with the length and width.	Software	SH1001	Smart Automation
318	Ministry of Rural development	Develop a system to Transliterate Regional language text into English /Hindi and perform matching using fuzzy logic / machine learning algorithms	Software	SH1004	Smart Automation
319	Ministry of Rural development	Develop a system which can read and analyse handwritten text and convert it into normal editable text.	Software	SH1005	Smart Automation
320	Ministry of Rural development	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	Software	SH1009	Smart Automation
321	Ministry of Rural development	Design a system for multi hazard visualization as per location selected by Individual	Software	SH1011	Smart Automation
322	Ministry of Rural development	Analysis for noise identification in large and complex data collected from different sources and rectifying them.	Software	SH1015	Smart Automation
323	Ministry of Rural development	Development of Digital interface for Spatial Economic plan using shift-share analysis and Input -Output Theory at a cluster level scale (comprising 5 - 6 gram Panchayats)	Software	SH1016	Smart Automation
324	Ministry of Labour & Employment	Complaint Redressal Machinery	Software	DH1038	Smart Automation
325	Ministry of Labour & Employment	Guidance system for claims and needs of labour	Software	DH1039	Smart Automation
326	Ministry of Labour & Employment	Employment tracking and traceability system - Organized sector	Software	DH1040	Smart Automation

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
327	Ministry of Labour & Employment	Employment tracking and traceability system - Migrant workers	Software	DH1041	Smart Automation
328	Ministry of Labour & Employment	e-Buddy for rescued child labour	Software	DH1042	Smart Automation
329	Ministry of External Affairs (MEA)	Linking Smart cameras with alarm systems to avoid triggering a false alarm by birds or animals or vibrations due to wind, loud sounds, etc.	Software	LC1073	Smart Automation
330	AICTE	Bulk email & SMS service	Software	DR703	Smart Education
331	AICTE	AI based tool to get information about 5 good institutes based on AISHE	Software	DR708	Smart Education
332	AICTE	AICTE Event/Activity (Workshops, Talks, FDP, Meeting etc) management system.	Software	DR709	Smart Education
333	AICTE	Career dendrogram	Software	DR710	Smart Education
334	AICTE	Lack of information about Academic Activities in single platform	Software	DR711	Smart Education
335	AICTE	Lack of sustainability in appointment of Faculty in Higher Educational Institutions and Colleges	Software	DR712	Smart Education
336	AICTE	Portal to know about various National and International scholarships	Software	DR713	Smart Education

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
337	AICTE	Prediction of Admission & Jobs in Engineering & Technology with respect to demographic locations	Software	DR714	Smart Education
338	AICTE	To develop in integrated and robust online platform for the researchers providing the information and relevant details about national/international research grants	Software	DR715	Smart Education
339	AICTE	Integrated information platform for information about Indian Universities	Software	DR716	Smart Education
340	AICTE	Integrated annual academic calendar for all the Indian universities	Software	DR717	Smart Education
341	AICTE	Online integrated platform for projects taken up by the students of various universities/colleges.	Software	DR718	Smart Education
342	AICTE	Inter-linked platform for Campus Placement in Higher educational Institutions of India	Software	DR719	Smart Education
343	AICTE	Interlinked platform for School education, Higher education and Technical education in India	Software	DR720	Smart Education
344	AICTE	To develop a Mobile App for AICTE	Software	DR721	Smart Education
345	AICTE	Attractiveness and User Friendliness of AICTE Website	Software	DR722	Smart Education
346	AICTE	Centralized grievance system portal	Software	DR723	Smart Education

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
347	AICTE	AICTE TASK Management Mobile Application	Software	DR724	Smart Education
348	AICTE	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.	Software	DR725	Smart Education
349	AICTE	One Point Student Verification through Mobile Application	Software	DR726	Smart Education
350	AICTE	One Point Student/Faculty Details Verification through Functional Application Software	Software	DR727	Smart Education
351	AICTE	Prediction of Admission & Jobs in Engineering & Technology /Management/Pharmacy with respect to demographic locations	Software	DR728	Smart Education
352	AICTE	Security Management System	Software	DR729	Smart Education
353	AICTE	Standard Course Curriculum Design for all the Universities across India	Software	DR730	Smart Education
354	Ministry of AYUSH	Centralized thesis repository (MD/PHD) Repository	Software	DK734	Smart Education
355	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Accessing visual information (written information) by persons with visual disability.	Software	RK757	Smart Education

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
356	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Enabling communication strategies for persons with hearing impairment.	Software	RK758	Smart Education
357	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Enabling alternative accessible strategies for persons with speech impairment.	Software	RK759	Smart Education
358	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Difficulties in correspondence of sighted person with a admin/teacher	Software	RK763	Smart Education
359	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Difficulties to understand the concept in Math & Science for visual impaired person.	Software	RK764	Smart Education
360	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Comprehensive tools to edit the pdf and convert into epub format.	Software	RK765	Smart Education

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
361	Department of Empowerment of Persons with Disabilities(Divyangjan) , Ministry of Social Justice and Empowerment, Government of India	Software for Vocational Training for persons with visual impairment	Software	RK774	Smart Education
362	Govt of Maharashtra	How to use Aadhaar number of students to identify fake enrolment, duplication and authentication of students.	Software	OS870	Smart Education
363	Govt of Maharashtra	Attendance systems for students of government aided schools.	Software	OS871	Smart Education
364	Govt of Maharashtra	Real time tracking of students learning's outcomes and their academic progress across schools.	Software	OS872	Smart Education
365	Govt of Maharashtra	Teachers (From Recruitment, posting to entire duration of their service as teachers) Management System	Software	OS873	Smart Education
366	Ministry of Skill Development and Entrepreneurship	"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."	Software	DB874	Smart Education
367	Ministry of Skill Development and Entrepreneurship	Development of a One Stop Platform for budding entrepreneurs for Overall Support:	Software	DB875	Smart Education
368	Ministry of Skill Development and Entrepreneurship	AI Based Platform for Students	Software	DB876	Smart Education
369	Ministry of Skill Development and Entrepreneurship	AI Based platform for start-up validation and support	Software	DB878	Smart Education



S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
370	Department of Social Justice & Empowerment, Ministry of Social Justice and Empowerment	Simplifying the selection process of financially weak students for granting aid for coaching for competitive exams.	Software	RS924	Smart Education
371	Department of Social Justice & Empowerment, Ministry of Social Justice and Empowerment	Tracking the attendance of students for timely granting of aids from government.	Software	RS925	Smart Education
372	Department of Social Justice & Empowerment, Ministry of Social Justice and Empowerment	Simplifying the process of identifying bright students for Ambedkar Social Innovation & Incubation Mission (ASIIM).	Software	RS926	Smart Education
373	Department of Social Justice & Empowerment, Ministry of Social Justice and Empowerment	Simplifying the process of reaching youth for spreading awareness regarding Nasha Mukh Bharat Abhiyan (NMBA).	Software	RS927	Smart Education
374	Department of Social Justice & Empowerment, Ministry of Social Justice and Empowerment	Simplifying the process of financing for SCs and OBCs through banks without transferring additional burden to government.	Software	RS928	Smart Education
375	AICTE-MIC	Student Innovation	Software	SM971	Smart Education
376	Department of School Education & Literacy, Ministry of Education	Education ecosystem for specially abled students need provisions and/or improvements to take care of compliance, governance and conduct .	Software	RK977	Smart Education
377	Ministry of Labour & Employment	Knowledge sharing platform for V V Girls National Labour Institute	Software	DH1043	Smart Education
378	Rajasthan Government	To create a better, social media integrated search engines	Software	TK1046	Smart Education
379	Ministry of External Affairs (MEA)	Use of technology in overcoming language barriers.	Software	LC1075	Smart Education

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
380	DoSEL-NDEAR	Create games/open source solutions to develop games which help in teaching/learning concepts	Software	AK1083	Smart Education
381	DoSEL-NDEAR	AI and ML powered teacher, parents assistant app - for helping country achieve FLN goals	Software	AK1084	Smart Education
382	MathWorks	Traffic Light Negotiation and Perception-Based Detection	Software	AG676	Smart Vehicles
383	Housing & Urban Affairs Ministry	Suggest a redefined solution to help cities locate EV(Electric Vehicles) charging infrastructure.	Software	BV806	Smart Vehicles
384	AICTE-MIC	Student Innovation	Software	SM948	Smart Vehicles
385	Coal India Limited	Moving vehicle registration plate detection	Software	NC740	Transportation & Logistics
386	Coal India Limited	A system of IoT devices to measure load weight in a dumper	Software	NC741	Transportation & Logistics
387	Housing & Urban Affairs Ministry	Suggest effective solutions that would attract commuters to use Public Transport in large scale during this Pandemic situation.	Software	BV812	Transportation & Logistics
388	AICTE-MIC	Student Innovation	Software	SM949	Transportation & Logistics
389	Ministry of Rural development	Analytics tool to provide detail reportson the grading difference between NQM and SQM	Software	SH1018	Transportation & Logistics

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
390	Ministry of External Affairs (MEA)	Use of technology in trade and logistics in reducing transportation and transaction costs.	Software	LC1074	Transportation & Logistics
391	AICTE-MIC	Student Innovation	Software	SM952	Travel & Tourism
392	Ministry of Tourism	Initiative that can contribute towards Net Zero Emission in tourism sector	Software	PK1025	Travel & Tourism
393	Ministry of Tourism	Develop proof of concept to measure carbon footprint of various tourism activities.	Software	PK1026	Travel & Tourism
394	Ministry of Tourism	Minimizing the effect of negative implications (natural calamities, plague, pandemic like COVID19 and other similar factors) on tourism industry.	Software	PK1028	Travel & Tourism
395	Ministry of Tourism	Suggesting the minimum support requirements at tourist destination, community level to ensure suitability of setting up of homestay ecosystem.	Software	PK1029	Travel & Tourism
396	Ministry of Tourism	Promoting and regulating homestay ecosystems for maintaining general standard throughout the country.	Software	PK1030	Travel & Tourism
397	Ministry of Tourism	Use of digitization to undertake capacity building and training for development, operations and maintenance of homestays.	Software	PK1031	Travel & Tourism
398	Ministry of Tourism	Content sourcing and creation is an important aspect to ensure consumer engagement. How can collaboration for content sourcing be deployed to achieve it?	Software	PK1032	Travel & Tourism
399	Ministry of Tourism	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	Software	PK1033	Travel & Tourism

S.No.	Organization	Problem Statement Title	Category	PS Number	Domain Bucket
400	Govt. of Uttarakhand	To develop Mobile software for guiding the tourist (Char Dham Yatra & other places) in Uttarakhand state.	Software	AU1061	Travel & Tourism

Source: [www.sih.gov.in](http://www.sih.gov.in)

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