SHRI K.K. SHASTRI GOVERNMENT COMMERCE COLLEGE

Shri K.K. Shastri Educational Campus, Khokhra Road, Maninagar (East), Ahmedabad-380008 Phone:079-22933660

NAAC Accredited 2.49 CGPA: UGC Recognised 2(f) & 12(B): Affiliated with Gujarat University, Ahmedabad Website: www.skksgccmaninagar.org Email: prin-mani-ahm@gujarat.gov.in



Date: 26/10/2023

SSIP - New India Vibrant Hackathon 2023

All the students of Shri K. K. Shastri Government Commerce College are hereby informed that New India Vibrant Hackathon 2023 is organized by Gujarat Knowledge Society Under Student Start-up and Innovation Policy (SSIP 2.0), Education Department Gujarat. The overall objective of this program is to channelize huge among of youth energy which is currently being underutilized towards engaging them with more constructive agendas and imbibe new skill and attitude to make them problem solver and progressive contributor in civil society at large. The last date for **team registration and synopsis submission is 30th October 2023**. Those student teams who are interested for participating in New India Vibrant Hackathon 2023 are requested to visit website of SSIP Gujarat (http://ssipgujarat.in/hackathon2023/index.php) for more details. Those who are registering for this Hackathon are required to provide registration details to Pankaj Sharma, SSIP Coordinator (cabin number 205).

SSIP - ન્યુ ઇન્ડિયા વાઇબ્રન્ટ હેકાથોન 2023

શ્રી કે.કે. શાસ્ત્રી સરકારી કોમર્સ કોલેજના તમામ વિદ્યાર્થીઓને આથી જણાવવામાં આવે છે કે ગુજરાત નોલેજ સોસાયટી દ્વારા સ્ટુડન્ટ સ્ટાર્ટ-અપ એન્ડ ઈનોવેશન પોલિસી (SSIP 2.0), શિક્ષણ વિભાગ ગુજરાત દ્વારા ન્યુ ઈન્ડિયા વાઈબ્રન્ટ હેકાથોન 2023નું આયોજન કરવામાં આવ્યું છે. આ કાર્યક્રમનો એકંદર ઉદ્દેશ્ય યુવા ઉર્જાનો વિશાળ ઉપયોગ કરવાનો છે જેનો હાલમાં તેમને વધુ રચનાત્મક એજન્ડા સાથે જોડવા માટે ઓછો ઉપયોગ કરવામાં આવી રહ્યો છે અને તેઓને સમસ્યાનું નિરાકરણ કરનાર અને સમાજમાં પ્રગતિશીલ યોગદાન આપનાર બનાવવા માટે નવા કૌશલ્ય અને અભિગમને આત્મસાત કરવાનો છે. ટીમની નોંધણી અને સારાંશ સબમિટ કરવાની છેલ્લી તારીખ 30મી **ઑક્ટોબર 2023 છે**. જે વિદ્યાર્થીઓની ટીમો ન્યૂ ઈન્ડિયા વાઈબ્રન્ટ હેકાથોન 2023માં ભાગ લેવા ઈચ્છતી હોય તેમને વિગતો વધ માટે SSIP ગજરાતની (http://ssipgujarat.in/hackathon2023/index.php) ની મુલાકાત લેવા વિનંતી કરવામાં આવે છે. જેઓ આ હેકાથોન માટે રજીસ્ટ્રેશન કરી રહ્યા છે તેઓએ પંકજ શર્મા, SSIP Coordinator (કેબિન નંબર 205)ને નોંધણીની વિગતો આપવી જરૂરી છે.

> 26 | / / Pankai Sharma

Coordinator, SSIP & Innovation Club

Shri K. K. Shastri Government Commerce College Maninagar, Ahmedabad Yogesh Yadar

Dr. Yogesh Yadav Principal

Shri K. K. Shastri Government Commerce College Maninagar, Ahmedabad

Sr. No.	Problem Statement	Sector
1	Design And Develop An Ai-Powered Chatbot For The Technical	Smart Education
2	Continuous Curriculum Improvement System For Higher Education	Smart Education
3	Dropout Of Students In Higher Education	Smart Education
4	Translation Of Study Material In Gujarati Of Higher Education	Smart automation
5	Maintenace Of Rare Books Of Higher Education	Clean and Green Technology
6	A Qualitative And Quantitative Analysis Of The Unemployment Of	Smart Education
7	Development Of Smart Self-Sustaining Digital Communication	Energy
	System To Monitor Real-Time Cathodic Protection Parameters And	
8	Smart Mechanism To Detect Leakage Of Gas In Underground	Energy
9	Development Of Smart Tracking System For Optimization Of Work Efficiency Of Operation & Maintenance Activities	Energy
10	Development Of Smart Surveillance System For Monitoring Of	Energy
11	Innovative Solution For Digital Display Of LNG Terminal Data	Energy
12	Easily Accessibility Of Power Plant Data & Reporting	Energy
13	Supervision Of Efficiency For Improvement	Energy
14	Reduction of High Ammonia Liberation (While Manufacturing Of	Clean and Green Technology
15	Employee Training System	Digitalization
16	Rule Expert Chatbot System	Smart Automation
17	Inventory Manangement System	Digitalization
18	An Suggestive Automated Mental Health Idenfication System	Health and Sports
19	Frontline Worker Knowledge Accreditation System	Health and Sports
20	Smart Health Monitoring And Guidance For Non-Communicable	Health and Sports
21	Smart Healthcare Centre Loacting System	Health and Sports
22	Smart Application For Medicinal Plants Information	Health and Sports
23	Medicinal Plants Awareness Application	Health and Sports
24	Automated Chatbot System For Gujarat Medical Services	Health and Sports
25	Grievance Redressal System (Web + Mobile (Ios And Android	Social Impact
26	An Innovative Employee Attendance Tracking System	Digitalization
27	ITI Alumni Tracking System	Digitalization
28	ITI Career Path Finder	Smart Education
29	Dropout Reduction System	Social Impact
30	Advocate Accounting Sytem	Digitalization
31	Acknowledge System For The State Opinion In Criminal Matters	Digitalization
32	Legal Awareness Application	Social Impact
33	Bridging The Gap Between Technical Graduates And Quality It	Digitalization
34	Coach Management System	Health and Sports
35	Sports Infrastructure Management	Logistics and Infrastructure
36	Interactive Chatbot To Assist Athletes And Coaches	Health and Sports
37	Nutrition App For Athletes	Health and Sports
38	Al Platform To Improve Athletic Performance	Health and Sports
39	Software Application To Measure Athlete Training Intensity &	Health and Sports
	Efficiency And Provide Feedback	·
40	Sports Games Management System	Health and Sports
41	Sports Infrastructure Tracking System	Logistics and Infrastructure
42	Enhancing Take Home Ration Supply Chain Efficiency Through	Social Impact

43	Nourish And Flourish' - Comprehensive Mapping Of Childhood	Social Impact
44	Nutrition And Developmental Impact, Ensuring Accurate Empowering Women'S Safety: Utilizing Gis Mapping For	Social Impact
45	Empowering Women Statety. Othering dis Wapping For	Social Impact
46	"Swiftangan": Revolutionizing Anganwadi Infrastructure With On-	Logistics and Infrastructure
47	Biological Solution For Quick Decomposition Of Waste Materials At	Clean and Green Technology
48	An Automated System For Sampling And Analysis For The	Clean and Green Technology
49	Modern Innovative Ways To Use The Recycled Plastics In The Public	Clean and Green Technology
	Networking Diagrams For State Of The Art Command And Control	
50	System Using High End Technological Equipments.	Urban Governance
51	Best Financial Management Practices To Reduce The Municipal	Urban Governance
52	Innovative Ways To Increase The Number Of Taxpayers And	Urban Governance
53	Monitoring Of Rain Water Harvesting In Existing Public And Private	Urban Governance
54	lot Based Water Supply Management	Urban Governance
55	Digital Drainage Management System	Urban Governance
56	Advanced Pipeline Management Through Gis	Urban Governance
57	A Chatbot For Services Of Rajkot Municipal Corporation	Urban Governance
58	Alert System Of The City Through Social Media Channel	Urban Governance
59	Door To Door Dry And Wet Garbage Collection System	Urban Governance
60	Supply Creation Of Renewable Energy Rajkot City	Energy
61	Origin - Destination Survey Of Commutators Of Rajkot City	Urban Governance
62	Sensor Based Drainage Line Choking Alert System	Urban Governance
63	Sensor Based Water Logging Alerts	Urban Governance
64	Stray Cattle Monitoring	Urban Governance
65	Illegal Hoarding Identification Of Surat City	Urban Governance
66	Management Of Desludge System Of Surat Municipal Corporation	Urban Governance
67	Energy Audit Of Surat Municipal Corporation	Energy
68	Illegal Encroachment Identification On Smc Reserved Plots	Urban Governance
69	Identification Of Water Contamination Source Of Surat Municipal	Clean and Green Technology
70	Water Contamination Problem Of Vadodara Municipal Corporation	Clean and Green Technology
71	Low Water Pressure Problem	Urban Governance
72	Civic Problem Registration System	Urban Governance
73	lot Based Life Certificate Generation Solution	Urban Governance
74	Spitting Prevention System	Social Impact
75	Painting On Kerbs, Crash Barriers, Dividers On City Roads.	Urban Governance
76	Wifi Based Classroom Attendance Application	Smart Education
77	Smart Policing Using Ai And Facial Recognition	Security
78	Customer Grievance Portal For One Nation One Challan (Onoc)	Security
79	Email Address Tracking And Tracing	Security
80	Criminal Profiling Using Osint (Open Source Intelligence Tools)	Security
81	Fake Social Media Profile Detection And Reporting	Security
82	Activity Monitoring Of Any Person Through Multiple Social Media	Security
	Platform Like Social Network And Social Media	•
83	Forensic Disk Imaging Hardware	Security
84	lot Forensics Framework	Security
85	E-Bandobast - Application For Manpower Deployment Of Gujarat	Security
86	E-Beat/Beat Management System.	Security

87	E-Hajri Master - Application For Manpower Deployment Of Gujarat	Digitalization
88	Qr Code Based Citizen Feedback System For Gujarat Police	Digitalization
89	Under Ground Drainage Cleaning Solution For Jamnagar Municipal	Urban Governance
90	Jamnagar Municipal Facilities Locator	Urban Governance
91	Jamnagar Public Welfare Schemes App	Urban Governance
92	An App For Public Complaint Reporting And Status Monitoring For	Urban Governance
	IT Based Solution For Monitoring Of Public And Community Toilets	Huban Canamana
93	Of Gandhinagar Municipal Corporation	Urban Governance
0.4	IT Based Reporting Of Wet And Dry Waste Segregation At Doorstep	Linkon Consumera
94	(Gandhinagar Municipal Corporation)	Urban Governance
95	Waste To Energy Transformation System	Clean and Green Technology
96	Rural Solid Waste Management	Urban Governance
97	Humidity Controller/ Dehumidifier For Panels / Cubicles	Energy
98	Data Analysis To Identify Improper Consumer Behaviors And Alert	Smart Automation
99	Phase Identification Tool For Hv And Lv Overhead And Underground	Energy
100	Consumer Complaint Tracking, Assigning And Monitoring	Smart Automation
101	Adjustable And Flexible Ladder Usable For Two Wheelers	Social Impact
102	Efficient Load Balancing For Optimal Power Distribution	Energy
103	Harnessing Data For Enhanced Power Interruption Analysis And	Energy
104	Revenue Applications And Information Chatbot	Smart Automation
105	Blockchain Based Land Registration System	Logistics and Infrastructure
106	Maps Digitization Through Rpa	Logistics and Infrastructure
107	Identification Of Mosquito Breeding Sites	Health and Sports
108	Technology Based Solution To Improve Air-Quality Index In The	Clean and Green Technology
109	Scada Based Water Quality Analysis System For Ahmedbad	Urban Governance
110	Monetization Of Smart City Components	Urban Governance
111	Integrated Traffic Congestion Reduction In Ahmedabad	Smart Automation
112	Identification Of Illegal Hoardings Ahmedabad City	smart automation
113	Voluntary Consumer Organizations Performance Card	Digitalization
114	Consumer Complaint Solution System	Digitalization
115	Online Monthly Data Submission System	Digitalization
116	A Single Signon System Fo The E-Governance And Citizen Services	Digitalization
117	Community Engagement And Empowerment Portal	Digitalization
118	Student College Transfer Application	Digitalization
119	Ces - Court Case Event & Status Application	Digitalization
120	Dte Institutes Purchse Information System	Digitalization
121	Automatic Dias And Head Table Plan Generation	Smart Automation
122	Industrial Park Development Awareness System For The Tribal Area	Social Impact
123	Bill Tracking System For Gidc	Digitalization
124	Electronic Equipment Health Monitoring System	Logistics and Infrastructure
125	Logistics Cost Measurement And Monitoring System For Gujarat	Logistics and Infrastructure
126	Sustainable Manufacturing Of Textile	Clean and Green Technology
127	Investor Policies/Incentives Information System	Digitalization Digitalization
128 129	Applicable Regulatory Compliances System	Digitalization Digitalization
130	Internation Quality Standard Certification System Recruitment Portal	Digitalization Digitalization
		Digitalization
131	Roads Structure Inventory And Monitoring System	Urban Governance

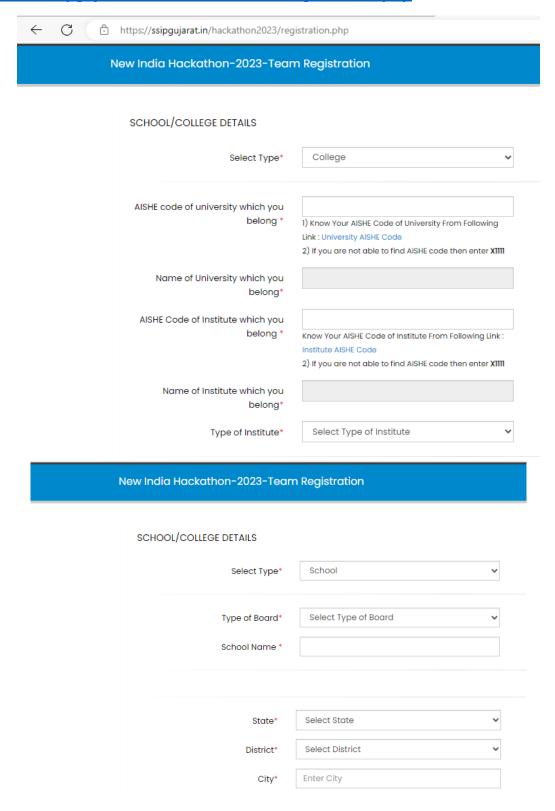
132	Tribal Subsidized Scheme Portal	Digitalization	
133	Residential Dry Solid Waste Management	Urban Governance	
134	Perform Achieve And Trade Portal For Energy Intensive Industries	Digitalization	
135	3,	Clean and Green Technology	
	Waste To Energy (Wte) Of The Large Organization		
136	Arogya Mitra Mobile Application for Gir Somnath	Health and Sports	
137	Dead Stock Management Software System for Panchayat Office, Gir	Digitalization	
138	An Application for Real Time Monitoring of Anganwadi and Gram	Logistics and Infrastructure	
139	School Dropout Monitoring System	Smart Education	
140	Construction Flow Monitoring Application	Logistics and Infrastructure	
141	District Integrated Dashboard	Digitalization	
142		Smart Automation	
4.40	GPS based Field Survey System		
143	An App for Prevalence of Anaemia	Health and Sports	
144	Land Revenue Survey Number Finder Based on Current Location: A	Smart Automation	
145	A Disaster Assistance Mobile Application for Early Facilitation to	Smart Automation	
146	IRCMS Portal for filing appeal by applicant	Digitalization	
147	Development of DM Dashboard portal for Monitoring work progress	Digitalization	
148	PMPOSHAN Bill Information System	Digitalization	
149	Disaster Control Rooms Duty Order Management System	Digitalization	
150	Application for Complaint Filing, Tracking and Disposal	Social Impact	
151	Water Conservation System for the Hilly Area	Urban Governance	
152	Connectivity or Communication issues in certain areas of Dang	Social Impact	
153	Innovative solutions for overhauling a city's drainage system	Urban Governance	
154	Enhancing Digital Literacy in Rural Areas of Districts	Smart Education	
155	Optimizing Waste Management System	Smart Automation	
156	Interactive Software Tool for Primary School Students	Smart Education	
157	Smart Evaluation and Recommendation System for Higher	Smart Education	
158	Automated or Semi-Automated Waste Segregation Systems	Urban Governance	
159	Automated Sampling in Wastewater Intelligence Network	Smart Automation	
160	Automated Sewerage Monitoring and Septic Tank Cleaning for	Smart Automation	
161	Automated Sewerage Monitoring System for Ahmedabad City	Smart Automation	
162	Institutional Air Quality Flag Hosting Program	Smart Automation	
162	Use of AI and machine learning tools to improve and expedite	Consent Australian	
163	internal government processes for a better and more accurate	Smart Automation	
1.0.4	Use of block chain in securing and authenticating important	Conial Impropri	
164	certi?cates such as caste certi?cate, domicile certi?cate etc.	Social Impact	
	Use of Data analytics and satellite imagery, in more e?cient land		
165	management system in order to: - identify suitable land parcels,	Smart Automation	
	preventing encroachment on government land and better		
166	An automated alert-based system to identify change in land use.	Smart Automation	
167	Mobile app to track, monitor, record and analyse malnourishment	Social Impact	
	Mapping of hereditary and genetic history of families having sickle-	Health and Sports	
168	cell anaemia for preventing its spread through succession.		
169	Mapping of River.	Social Impact	
170	Google location for each 7/12 paniya/details.	Social Impact	
171	Highway Enchrochment Alert and Prevention System for Surat City	Logistics and Infrastructure	

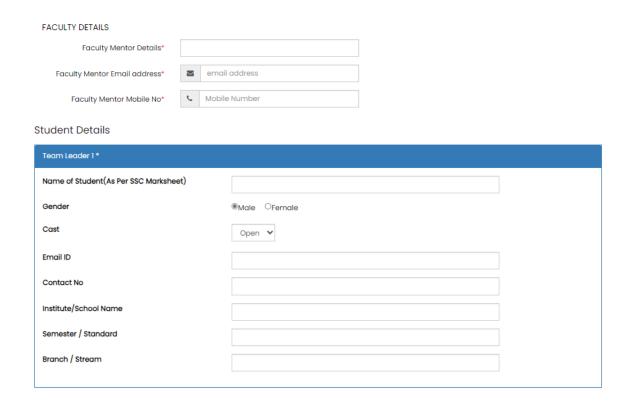
172	Improving Data Collection And Monitoring in Government Offices For Aravalli Modasa District (To prepare 4-level dashboard)	Digitalization
173	Financial Grant Management System For All The Gram Panchayat of	Digitalization
174	To make An application Related to New Advancement in Agriculture	Digitalization
175	Design a Gram Harvester Machine for Aravalli District	Social Impact
176	Develop A Field Diagnostic Kit for Various Infectious Diseases	Health and Sports
177	Antibiotic Awareness at Field Level for Aravalli District	Health and Sports
178	Portable and Affordable Heat Detection Kit for the Animals	Health and Sports
179	Develop a Thermal Gun to Measure Body Temperature Of A Deshi	Health and Sports
180	To Develop Online Software For Maintaining Inventory At	Digitalization
181	A Digital Appointment System For Citizen of Junagadh District	Social Impact
182	Disaster Duty Assignment and Notification System (DDANS) for Gir-	Smart Automation
183	Affordable Surface Water Gauging System	Urban Governance
184	Common Health Web Portal	Health and Sports
185	Identification of Land Encroachment for Amreli District	digitalization
186	A Chatbot for the information about Governemnt Scheme/Portals in	Smart Automation
187	Crop Protection and Prevalence System from Stray Animals in	digitalization
188	Applicants Data Managment System of Amreli District	digitalization
189	A Mobile App for the Porbandar District Social Welfare Office	social impact
190	An Application To Reflect All Real Time Data of Lake Recharge Due	Urban Governance
191	A Mobile App For Farmers of Navsari District To Get "JIVAMRUT"	Social Impact
192	Ask to R T E 2009 Expert	Digitalization
193	Ask Your Vet	health and sports
194	Geo Tagging of Land Properties Using Drones	Smart Automation
195	Mining Vehicles Tracking Using GPS	Smart Automation
196	Land Survey Number-Based Tax Collection Using Android	Digitalization
197	Digital Platform For Irrigation Management	Digitalization
198	Improperiety In Development Works	Digitalization
199	Stamp Duty Grant Managment Portal for District Panchayat and Taluka Panchayat.	Urban Governance
200	Mobile Application providing information about various	Disitalization
200	Government Schemes for citizens under District Panchayat.	Digitalization
201	Increase Tax Collection of Godhara Nagarpalika	Social Impact
202	Effective Waste Collection System For Godhra City	clean and green technology
203	Road and Building Work Monitoring System Application for	Digitalization
204	Employee History Card Android Application of DTE	Digitalization
205	Portal to Manage All Inquiry Related Details of DTE (Establishment	Digitalization
206	Utilization of Concourse area of Gandhinagar Railway Station	Urban Governance
207	Transitioning from Hard Copy to Digital Records: Modernizing	Digitalization
207	Employee Service Book Maintenance of Banaskatha District	Digitalization
208	Enhancing Child Safety and Transparency in School Transportation: A Van Monitoring System for Banaskatha District	Smart Automation
209	Monitoring the development Works of Rajkot Panchayat	Urban Governance
210	Tracing and Traking Of Malnurist Children	Social Impact
211	Application Tracking System to Establish Good Governance For	Digitalization
212	Efficient Error Prevention System For Banaskatha Citizen Applicant	Digitalization
213	An Effective Birth and Death Registration System for Banaskatha	Social Impact

Instruction for Problem Statement Selection Submission New India Vibrant Hackathon 2023

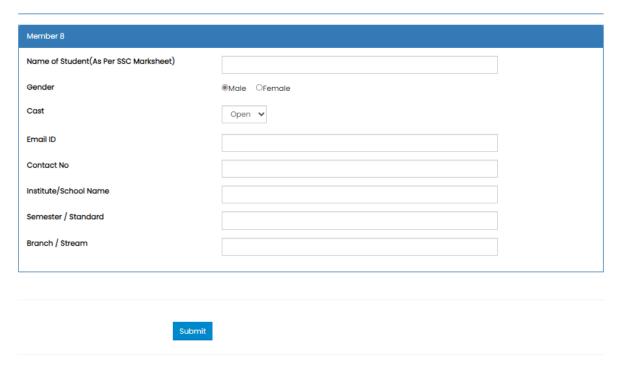
Please Team Registration for New India Vibrant Hackathon 2023 at following link:

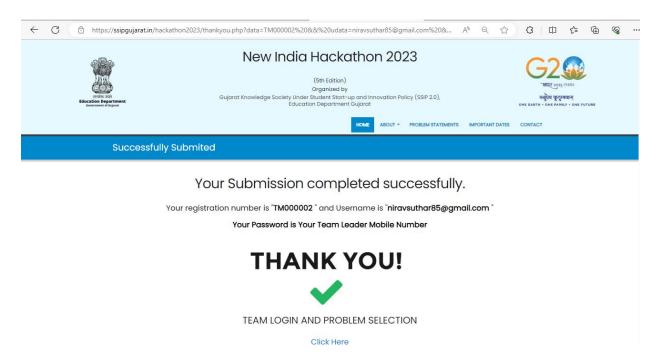
http://www.ssipgujarat.in/hackathon2023/registration.php





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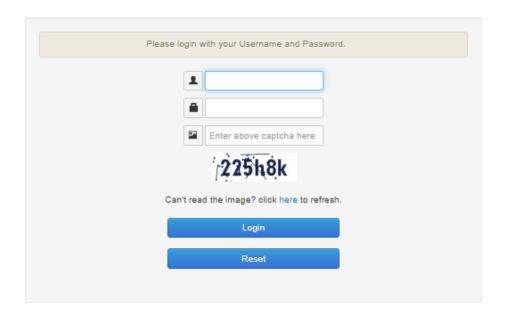
Please Login at following link:

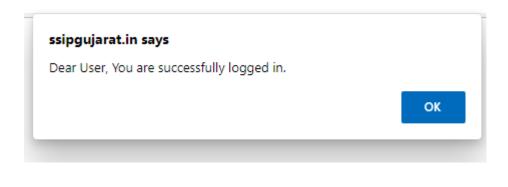
http://www.ssipgujarat.in/hackathon2023/team/login.php

Username is your Team Leader Email

Step 1: Login

New India Hackathon 2023



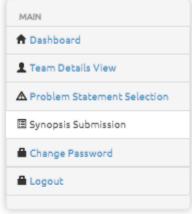




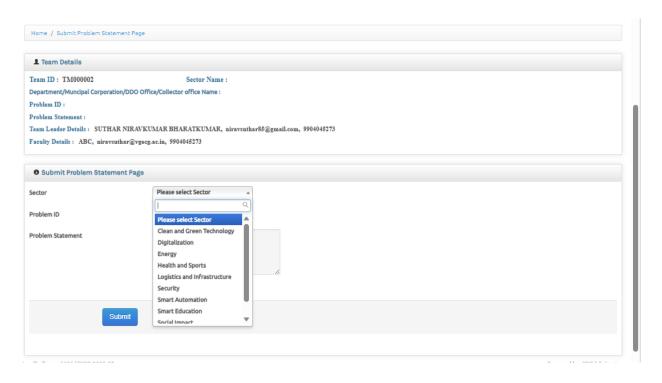
New India Hackathon 2023 (5th Edition)

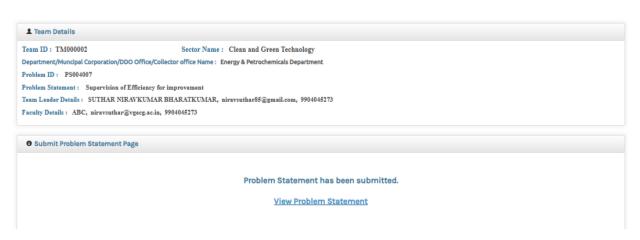






Step 4: Submit Problem Statement in which you have to Sector then select Problem ID and problem statement selected and click on submit





Click on Synopsis Submission Link in Menu for Submit Synopsis

Synopsis Submit Page	
Problem ID	PS004007
Problem Statement	Supervision of Efficiency for improvement
Synopsis Abstract	0 characters entered.
Literature Review/Existing Innovation- technology to address related to your problem	0 characters entered.
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What would be your approach to solve the problem	0 characters entered.
	//
Road map/Flow diagram to develop final solution (1)	No file selected (*Only jpg and png files allowed.)
Road map/Flow diagram to develop final solution (2)	No file selected (*Only jpg and png files allowed.)
Tools and technologies to be used to solve the problem	0 characters entered.

Tools and technologies to be used to solve the problem			0 characters entered.
Challenges/Risk in implementing your Final prototype			0 characters entered.
		//	
Possible outcome of your work			0 characters entered.
Work done till date			0 characters entered.
		/	
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Image/Screenshot of Solution (2)	No file selected	(*Only jpg and	png files allowed, Maximum File Size 5 MB)
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Submit Synop	osis		