Sr. No.	Year	Application No.	Type	Project Title	Total approved Amount by committee (INR)	Team Leader Nai	team leader enrollment number	Mentor Branc	Mentor name	Mentor Branc	Team Members
1	2019-20	GPP/IC/2019/01	PoC	Road Safety Under Low Visibility	11000	Parmar Vatsal P	1.86268E+11	IC	Mr D J vaghela	IC	Moga Geeta R, Saroj Sachin M, Vahrejiya Akshay K
2	2019-20	GPP/EC/2019/01	PoC	Smart Delivery Drone	40000	Panchal Krishna M	1.7626E+11	EC	Mr M J Dabgar	EC	Ghasura Arman, Kadiya Jaydip
3	2019-20	GPP/EC/2019/02	PoC	Water Resistant Drone	55000	Rajput Yuvraj N	1.9626E+11	EC	Mr M J Dabgar	EC	Rajput Bhavik, Saiyam Sankhala, Mevada Chhayank
4	2019-20	GPP/EE/2019/01	PoC	Automatic water distribution syst	30380	Diprendrasinh M Barad	1.7626E+11	EE	Mr P K Bhavsar	EE	Gauswami Dishant K, Suthar Hardik H, Prajapati Anilkumar J, Mali Vipulk
5	2019-20	GPP/EE/2019/02	PoC	smart camera-vision for visually i	8000	Darji Govind	1.7626E+11	EE	Mr B M Patel	EE	Parmar Kalubhai, Asal SureshBhai, Prajapati Anand
6	2019-20	GPP/EE/2019/04	PoC	voltage control of transmission li	2640	Limbachiya Jay	1.7626E+11	EE	Mr P K Bhavsar	EE	Joshi Karan H, Padhiyar Kamlesh D, Patel Vikas H
7	2019-20	GPP/EE/2019/05	PoC	SMART ELECTRIC SWITCH BC	11770	Hiten Kumar V		EE	Mr B M Patel	EE	Manasiya Wasim, Parmar Nailesh, Patel Jil, Nai Dhaval
8	2019-20	GPP/EE/2019/06	PoC	Low cost automatic water Tap	3510	Gaushwami Disha	1.7626E+11	EE	Mr B M Patel	EE	Barad Dipendrasinh M, Prajapati Hasmukh, Manasiya Wasim
9	2019-20	GPP/EE/2019/07	PoC	Smart Electric traveller bag	32240	Manasiya Salim	1.8626E+11	EE	Mr B M Patel	EE	Manasiya Salim
10	2019-20	GPP/MECH/2019/	PoC	Solar bicycle	17500	Prajapati Kishor	1.7626E+11	Mech	Mr D D Panchal	Mech	Prajapati Ketan, Prajapati Kunal, Prajapati Manan, Prajapati Umang, Praj
11	2019-20	GPP/MECH/2019/	PoC	Smart Gas Regulator	4700	Seliya Ashfak	1.8626E+11	Mech	Mr D D Panchal	Mech	Nai Dhaval
12	2019-20	GPP/MECH/2019/	PoC	Design and febrication of mobile	15000	Akshay Patil	1.7626E+11	Mech	Mr M K Prajapat	Mech	Jha Shivam, Pathan Basit, Prajapati Milan, Prajapati Rahul, Prajapati Ror
13	2019-20	GPP/MECH/2019/	PoC	under ground parking system	7000	Patel Mann S	1.7626E+11	Mech	Mr R L Chaudha	Mech	Gohil Dhruv S, Patel Dhruvin M, Patel Harmik
14	2019-20	GPP/MECH/2019/	PoC	Dron working by magnetic field	35000	Nai Dhaval	1.8626E+11	EE	Mr B M Patel	EE	Seliya Asfak, rajput bhavik, rajput yuvraj, saiyam sankhala,
15	2019-20	GPP/MECH/2019/	PoC	Flexible bending machine	36000	Pathan NavedKhan	1.86268E+11	Mech	Mr T D Modi	Mech	Patel Parth, Zala Mahipatsinh, Patel Sanket
16	2019-20	GPP/MECH/2019/	PoC	Smart Dustbin	50000	Nai Dhaval	1.8626E+11	EE	Mr B M Patel	EE	Seliya Asfak, Rohit Kirit

SSIP CELL G P Palanpur
List of Project APpproved by G P Palanpur SSIP Cell committee (Oct-2019)

Project Abstract
There are virious area where the visibility is very low during winter and rainy season.Here an appempt is to be done to resolve this problem by detecting low visibility and moving vehicles by turning on and off street lights.
Today all the E-commerce Site (Inclduing Amazon, Flipkart, Snapdeal, Zomato & Swiggy) have to hire Huge staff for the purpose of Deivery of Goods. This Manual process of Goods Delivery come with lot of disadvantages like - Salaries of Delivery Boys, Increased Road Traffic, Increased Pollution, Increased Cost, Less Timelyness etc. This all Negatives of this manual Delivery Process can be overcome by using Drone based Delivery System. We are trying to build a IoT enabled smart delivery Drone as a solution to above problem.
We will desig a drone that will be water resistent. Using this drone we can deliver food packets during floods and other natural calamities.
It will work on Arduino, so Arduino will help to sense the level of water and by switching solenoid valve and submersible pump for filling of require amount of water in different overhead tank.
According to my idea, I wanted to make the blind man experience the obstacle, water, high temperature by using arduino + sensors (ultrasonic sensor, water sensor, temperature sensor) but according to my first survey it will not very useful with multiple sensor for blind men. According to my first survey, they had chronic problems such as being annoyed with traffic and secondarily. So I will try to solve the problem with the help of a camera and rasbery pi.
in this project we trying to control voltage of transmission line by inserting capacitors as per load calculation this model can be use for laboratory perpose of engineering college. in this system we will use arduino controller with current, voltage sensor.
When we rotate rotary switch to point 1 and switch ON the component connected to point 1 is ON , By keeping switch ON we rotate to 2 no. point the 2nd component ON. Similarly by keeping the switch OFF and rotate rotary switch back as shown below all the components are OFF . If we one to start middle one component we have to rotate the switch on the required component and simply ON the Switch. Here this Electric board is shock proof, because its operating voltage is only 5 volt. Which is not enough to give shock.
It will work on IR, the IR will help to sense the movement of hand and cuts the signal IR.The IR sensor will operate relay and relay operates solenoid valve which turn ON and water start flowing.we would like to design low cost TAP which will be accepted by market.
Traveling can be either a joy or a pain, and the luggage you use to tote your stuff is one of the biggest factors in determining which. While manufacturers have made advancements in materials and design, suitcases really haven't changed. in our project we tring to desing a smart travelling bag which will follow our path and also its digital lock system with electromagnet principle which will insure our lagguge safety.
We are see many edged person who are not able drive bicycle with some situation like slop on long distance so that we device to prepare bicycle which is run without human effort on reduce human effort.
Noramlly leakage of gas form cylinder will be found by gas smell. These Gas regulator will be found gas leakage by flow and temperature sensor and automatically stop flow of gas
Mobile network based floor cleaner use for cleaning large space like hospitals, colleges, office etc. it is worked base on mobile network
IT IS WORKING BASED ON AUTOMATIONS FOR CAR PARKING SYSTEM
These project works base on magnteic impulsion. Drone wille rotated based on magntic impulsion force
These projects works for bending metal rod machine automatically by giving less effort. it is reduce human repatative works where contineous one type og bending works perfrom.
we designing cost-effective design of an intelligent waste container for large-scale cases. This system is based on Arduino Nano board in this system waste will get segrigated in dustbin and according to collected plastic weight user will get some reward automaticaly by this we would like to encourage to use dustbin for plastic waste.