



L. D. COLLAGE OF ENGINEERING

FINANCIALLY SUPPORTED POC FROM SSIP

(2018-2021)

Sr. No.	Start up Name	Team leader Name	Guide Name	Department	Details of Recommendations for funding (INR)	Sanction Year/Phase
1	Human powered Nebulizer	Brinda Sutaria	Prof. U.V. Pancholi	Biomedical	1,00,000/-	Feb-2018 Phase-1
2	Safety belt	Ashwini Maheshwari	Prof. Y. M. Parikh	Biomedical	50,000/-	Feb-2018 Phase-1
3	Biodiesel production using nano particles	MewadaKishan Bharatkumar	Prof. Hiral N. Pandya	Chemical.	2,00,000/-	Feb-2018 Phase-1
4	Virtual reality platform for inds. training etc.	Roshan Rawal	Prof. H. A. Joshiara	Computer	2,00,000/-	Feb-2018 Phase-1
5	Cleaning of solar roof tops	VasuAmbasana, RishabhNayak, others	Prof. H. P. Patel (Mech)	Computer	1,00,000/-	Feb-2018 Phase-1
6	Portable water purifier	Dhyey, Rudradutt, Kaxan,Dhruv	Prof. Yagni Rami	Environment	10,000/-	Feb-2018 Phase-1
7	3D orthogonal	Piyush Gujarati	Hiren jaiswal, sanjay Parmar	Textile	2,00,000/-	Feb-2018 Phase-1
8	Solar powered fabric	Jugal patel	Purvi Mistry, Selin Parapuram	Textile	20,000/-	Feb-2018 Phase-1
9	Development pavement	Ankit Gupta	Dr. P. J. Gundaliya	Civil(Transportation)	2,00,000/-	Feb-2018 Phase-1
10	Use of recycle waste plastic in manufacture of polymer composite Railway sleeper	Gondaliya Vaibhav, Senjaliya Dhaval, Savaliya Virat	Prof. B. G. Basantani	Plastic	15,000/-	March-2018 Phase-1
11	Mobile application for Nursery plants.	DomadiyaYash Kamleshbhai	Prof. P. P. Prajapati	EC	1,50,000/-	March-2018 Phase-1

12	Waste water remediation through Nano Photo- catalysis using Solar Energy	DobariyaRutvik Gordhanbhai	Prof. T. S. Rajaraman	chemical	1,60,000/-	Oct-2018 Phase-2
13	Building Material Preforms using Mining waste	Maulik J Tuvar	Prof. P. I. Modi	Applied Mechanics	1,90,000/-	Oct-2018 Phase-2
14	Trauma Patch	AyushiRaval, vishwa patel	Prof. U. V. Pancholi	Biomedical	1,50,000/-	Oct-2018 Phase-2
15	Solar Powered Sterilization Distillation Unit	ChavdaRashmi, Patel Pooja,RathodNikita,ShahRiddhi	Prof. U. V. Pancholi	Biomedical	60,000/-	Oct-2018 Phase-2
16	Concept Windshield vision	Rahul Pattani	Prof. V. G. Trivedi	Automobile	50,000/-	Oct-2018 Phase-2
17	Super Sweeper: Street Cleaning Machine	Mudaliar Sumanth, Gangajaliya Rahul, MaruDhaval, Panchal Shravan	Prof. G. N. Sutaria	Mechanical	1,49,900/-	Oct-2018 Phase-2
18	Suzy: A Personal Assistant	Deept Panchal	Prof. Zishan Noorani	Computer	50,000/-	March-2019 Phase-3
19	REOLO	Malav Shah	Prof. Hetal Joshiyara	Computer	1,36,050/-	March-2019 Phase-3
20	Roboassistant	Mumukshu Shah	Prof. Maitrik Shah	Computer	1,90,000/-	March-2019 Phase-3
21	Smart Doorbell	Rishi Padhiyar	Prof. Bakul Panchal	Information Technology	1,15,000/-	March-2019 Phase-3
22	Recywap	Mayank Patel	Prof. H. K. Shastri	I.C.	20,000/-	March-2019 Phase-3
23	Advance Data Logger	Oza Vishesh	Dr. M. T. Thakker & Prof. V. P. Patel	I.C.	20,000/-	March-2019 Phase-3
24	Green Clutch	Ashutosh Bhatt	Prof. R. C. Patel	I.C.	20,000/-	March-2019 Phase-3
25	Density Meter	Sanjay Jinjala	Prof. Lalit Patel	I.C.	25,000/-	March-2019 Phase-3
26	Hydro sept Technologies - UIV 1.0	Jinay Shah	Prof. D. V. Raninga	I.C.	75,000/-	March-2019 Phase-3

27	Fuel Meter	Nisarg Ranpura	Prof. D. K. Patel	Mechanical	60,000/-	March-2019 Phase-3
28	Robotic Mobilization Device	Shah Deep	Prof. B. K. Patel	Mechanical	28,000/-	March-2019 Phase-3
29	Wonder Bottle	Yash Jain	Prof. A. G. Momin & Dr. M. D. Chaudhari (Met)	Mechanical	30,000/-	March-2019 Phase-3
30	Retro Fitment Hybrid Scooter	Kishan Gohel	Prof. J. P. Vasani	Automobile	45,000/-	March-2019 Phase-3
31	Compact Powerful Electron beam	Shivam Gothi	Prof. Mitul Patel	Electrical	26,000/-	March-2019 Phase-3
32	E-AIR	Prabhjyot singh	Prof. Mitul Patel	Electrical	70,000/-	March-2019 Phase-3
33	Generic Mobile	Sathvara Jay	Dr. D. D. Trivedi	Electrical	20,000/-	March-2019 Phase-3
34	Auto Recloser ELCB	Jaydip Prajapati	Prof. M. R. Vasavada	Electrical	25,000/-	March-2019 Phase-3
35	Plugtronics	Prince Dadhaniya	Prof. Mitul Patel	Electrical	30,000/-	March-2019 Phase-3
36	Reduction of NOx from Stationary Source	Pathan Nazninbanu	Prof. Amruta S. Kuhikar	Environment	24,290/-	March-2019 Phase-3
37	Hydropod	Drashti Amin	Prof. Hetal D. Panchal	Environment	26,321/-	March-2019 Phase-3
38	Smart Dustbin Management	Jigar Chavda	Prof. B. B. Patel	Environment	37,692/-	March-2019 Phase-3
39	Student Knows Better	Nayi Rahul	Prof. K. M. Patel	Computer	50,000/-	July-2019 Phase-4
40	BOOKED	Prajapati	Dr. M. D. Chaudhari	Mechanical	40,000/-	July-2019 Phase-4
41	CLAIRVOYANT (Assistive Device for blind ,deaf and Dubm)	Umraniya Chirag	Prof. P. R. Patel	IT	38,000/-	Aug-2019 Phase-4
42	World News: Global and International News App	Alap Patel	Prof. A. C. Patel	IT	1,34,500/-	Aug-2019 Phase-4
43	Mediswift	MominSamin Arifhusain	Prof. S. A. Solanki	IT	10,000/-	Aug-2019 Phase-4

44	Project Sahara	Samarth Solanki	Prof. A. J. Patel	IT	10,000/-	Aug-2019 Phase-4
45	Ruke kya?	Simran Hotchandani	Prof. V. B. Thakkar	IT	75,000/-	Aug-2019 Phase-4
46	Desalination of seawater through textiles	Zarmin pathan	Prof. A. I. Thakkar	Textile	45,000/-	July-2019 Phase-4
47	Luminescence fabric for safety	Priyanka Parmar	Prof. D. V. Bihola	Textile	25,000/-	July-2019 Phase-4
48	Rubberized Pavers	Ramandeepsingh Bhalla	Prof. G. G. Bhatt	Rubber	75,000/-	July-2019 Phase-4
49	Dewatering by Natural osmosis	Akash Dave	Prof. S. M. Dutta	Chemical	30,000/-	July-2019 Phase-4
50	Design of Smart Parking Network in The Smart City	Mori Vishwas	Prof. Mahendrasinh Gadhvi	Civil	1,10,000/-	Aug-2019 Phase-4
51	Development of a System for Estimation of the Real Time hydraulic Characteristics of Casual & River	Jayesh Sharma	Prof. Utkarsh Nigam	Civil(WRM)	50,000/-	July-2019 Phase-4
52	Smart Shovel	Jay Patel	Prof. A. M. Mirza	Civil	78,000/-	July-2019 Phase-4
53	Road Patch Sheet	Daltej Singh Gill	Prof. R N Shukla	Civil (Transport)	50,000/-	July-2019 Phase-4
54	Development of Lateral Friction Measuring Instrument	Vivek Solanki	Dr. P J Gundaliya	Civil (Transport)	50,000/-	July-2019 Phase-4
55	Vishwakarma 1.0	Ujval	Dr. C. S. Sanghvi	Applied Mechanics	90,000/-	July-2019 Phase-4
56	Handy Earth	Niyati Shah	Dr. Manish V Shah	Applied Mechanics	80,000/-	July-2019 Phase-4
57	E-Wings	Ankit Chhotala	Dr. C. S. Sanghvi	Applied Mechanics	1,99,000/-	July-2019 Phase-4
58	Techocleaner	Nayan Bhola	Prof. Ankit K. Shah	IC	10,000+ 15,000/-	July-2019 Phase-4

59	Scheduler	Sneh Kothari	Dr. M. C. Chudasama	Electrical	85,000/-	July-2019 Phase-4
60	Artificial Intelligence Vehicle security System	Muskan Biala	Dr. U. L. Makwana	Electrical	25,000/-	July-2019 Phase-4
61	I Charge	DamaHitesh Dineshbhai	Prof. N. N. Shah	Electrical	32,000/-	July-2019 Phase-4
62	Energetic	Hasamukh Nakum	Dr. B. S. Sedani	EC	10,000/-	Aug-2019 Phase-4
63	Sit Bot	Raj Gohil	Dr. Arun Nandurbarkar	EC	34,500/-	Aug-2019 Phase-4
64	PAAS (Present Anytime Anywhere System)	Samarth Kawade	Prof. K. G. Vaghela	EC	45,000/-	Aug-2019 Phase-4
65	Water Hardness Reduction Polystyrene Plastic Waste	Patel Dhruti	Prof. V. H. Shukla	Environment	13,500/-	July-2019 Phase-4
66	Biofuel Generation From Cactus	Dhruv Gandhi	Prof. D. P. Shah	Environment	15,000/-	July-2019 Phase-4
67	Clean Vaayu Device	Anand Mathukia	Prof. G. H. Ban	Environment	5,000/-	July-2019 Phase-4
68	Reuse Recycle Washing Machine Waste Water	Maitri Patel	Prof. M. J. Pandya	Environment	10,000/-	July-2019 Phase-4
69	Green Bin	Dave Bhargav P.	Prof. Y. M. Gajera	Environment	15,000/-	July-2019 Phase-4
70	Bio Plastic From Banana Peels	Uday Desai	Prof. C. S. Patel	Environment	12,000/-	July-2019 Phase-4
71	Floa-Skim	Raval Chirag	Prof. V. H. Shukla	Environment	15,000/-	July-2019 Phase-4
72	Solar Winow Bunds	Ubaid Memon	Prof. H.R.Patel	Mechanical	15,000/-	Oct-2019 Phase-5
73	Clutch Assist System(CAS)	Prajapati Dipesh	Prof. D.U.Panchal	Mechanical	1,95,000/-	Oct-2019 Phase-5
74	Aqua Cleaner	Maradia Neel R.	Dr. M.D.Chaudhari	Mechanical	1,30,000/-	Oct-2019 Phase-5
75	Design and implementation of Built- in Suspension System in	Patel Kishan	Prof. Darshit R.Shah	Mechanical	10,000/-	Oct-2019 Phase-5

	Bicycle					
76	Thermal Comfort	Ruparelia Ravi	Hiren Gajera	Mechanical	20,000/-	Oct-2019 Phase-5
77	M-USE	Vivek Thakkar	Dr. N.M.Bhatt	Mechanical	2,00,000/-	Oct-2019 Phase-5
78	Assistive Device for Visually Impaired Parson	Snehal Kasavala	Prof. Yogita Parikh	Bio medical	15,000/-	Oct-2019 Phase-5
79	Medical Waste management using IOT	Riddhi Yadav	Prof. Pooja Gohel	Bio medical	8,000/-	Oct-2019 Phase-5
80	eDRA	Karan Mistry	Prof. Bhavesh Parmar	Bio medical	50,000/-	Oct-2019 Phase-5
81	Myoflexor	Khevna Vasani	Prof. Bhavin Mehta	Bio medical	20,000/-	Oct-2019 Phase-5
82	Mirror Based DesignBox Vehicle Traversing on Slopes	Ishan patel	Prof. V.J.Chitaria	Civil	40,000/-	Oct-2019 Phase-5
83	Cool Shower	Umar Maniar	Prof. Kinnar Vaghela	E.C.	20,000/-	Oct-2019 Phase-5
84	FWCMC(Icube Technologies)	Jinal Mistri	Dr. Mihir Shah	E.C.	70,000/-	Oct-2019 Phase-5
85	AIAATS (Icube Technologies)	Pratik Makwana	Dr. Mihir Shah	E.C.	70,000/-	Oct-2019 Phase-5
86	5G Antenna Design	Nachiket	Dr. Nirali Kotak	E.C.	30,000/-	Oct-2019 Phase-5
87	Travel Plus	Brahmbhatt Vishal	Prof. M.N.Panchal	IT	Mentorship Granted	Oct-2019 Phase-5
88	Care O	Tirth Shah	Madhuri Patel	IT	Mentorship Granted	Oct-2019 Phase-5
89	Ceiling fan using 12V DC	Bhuva Meet B.	Prof. U.J.Upadhyay	Electrical	20,000/-	Oct-2019 Phase-5
90	Project Indra	Samarth Solanki	Prof. N.D.Rabara	Electrical	55,000/-	Oct-2019 Phase-5
91	Wheel Alignment Machine	Hardik Gohil	Prof. Jayendra P. Vasani	Automobile	40,000/-	May-2019 Phase-6

92	NIVARAN (Non Invasive VitaA1 sign Respiratory Analyzer)	Karan Patel	Dr. R. K. Gajjar Prof. Bhavesh Parmar Prof. Dhaval Patel	Biomedical	1,50,000/-	May-2019 Phase-6
93	PRAN(Protective Respiratory Auxiliary Node)	Chahana Panchal	Dr. R. K. Gajjar Prof. Bhavesh Parmar Prof. Dhaval Patel	Biomedical	1,36,700/-	May-2019 Phase-6
94	Study of Utilization of industrial waste in manufacturing building materials	Kanksha Mehta	Prof. C. G. Bhagchandani	Chemical	1,37,332/-	May-2019 Phase-6
95	vRecycle	Mohd. Afzal Ansari	Prof. Parth R. Dave	Computer	80,000/-	May-2019 Phase-6
96	Tensor-Vision Technology	Shah Roshan Jigneshkumar	Prof. Hetal Pandya	Computer	30,000/-	May-2019 Phase-6
97	Camera Surveillance	Sagar Dixit	Dr. B. S. Sedani, Dr.N. A. Kotak	EC	45,000/-	May-2019 Phase-6
98	Smart Board	Janak Patel	Prof. S. B. Prajapati, Prof. K. R. Sheth	EC	15,000/-	May-2019 Phase-6
99	Fake NEWS Detection	Vadik Rutik	Prof. P. J. Muliya, Prof. K. V. Patel	EC	20,000/-	May-2019 Phase-6
100	Laser Controlled infusion monitoring unit for smart healthcare system	Domadiya Yash Kamaleshbhai	Dr. N. A. Kotak, Dr.B. S. Sedani	EC	30,000/-	May-2019 Phase-6
101	Wireless Power Transmission	Fera Miteshkumar B.	Dr. V. R. Patel Dr. K. B. Kela	Electrical	8,000/-	May-2019 Phase-6
102	Automatic Solar panel Cleaning Robot	Hirani Ravi Dalsukhbhai	Prof. M. R. Vasavada	Electrical	25,000/-	May-2019 Phase-6
103	Modified Automatic StarDelta Starter	Savaliya Sahil Chandubhai	Dr. V. J. Upadhyay	Electrical	14,000/-	May-2019 Phase-6

104	Virus Detector	Harsh Sureshkumar Patel	Dr. C. D. Upadhyay	Electrical	1,00,000/-	May-2019 Phase-6
105	Autonomous disinfection Robot	Milan Desai	Dr. M. T. Thakker Prof. Vasavada	IC	50,000/-	May-2019 Phase-6
106	Underground Cable FaultDetector (DETECTRO)	Bhatt kirtan	Prof. N. A. Kanani	IC	11,000/-	May-2019 Phase-6
107	SAT D2.0	Parekh Zarana (Oza Vishesh)	Prof. H. K. Shastri	IC	50,000/-	May-2019 Phase-6
108	Lift Up	Milan Vinodbhai Thakor	Dr. Purvi Ramanuj	IT	22,000/-	May-2019 Phase-6
109	Medicine Backtracking	Detroja Mitkumar	Dr. Purvi Ramanuj	IT	25,000/-	May-2019 Phase-6
110	The MAD	Tirth Shah	Prof. Madhuri Patel	IT	35,000/-	May-2019 Phase-6
111	MediLocker	Bhumi Sharma	Prof. Madhuri Patel	IT	40,000/-	May-2019 Phase-6
112	Smart Saline Bottle	Hardik Gohil (Aishwarya Derasari)	Prof J. P. Vasani	Automobile	20,000/-	July-2020 Phase-6A
113	U2VP	Pandya Saptam	Dr. C. S. Sanghvi	Applied Mechanics	33,000/-	Nov-2020 Phase-7
114	Shake it up	Vinay Leembalkar	Dr. C. S. Sanghvi	Applied Mechanics	2,00,000/-	Nov-2020 Phase-7
115	Three Wheeler for COVID-19	Parmar Mayur Rameshbhai	Prof R J Jani	Automobile	18,800/-	Nov-2020 Phase-7
116	Electric Vehicle with CVT	Suthar Hasit Bharatkumar	Prof. S N Patel	Automobile	1,08,800/-	Nov-2020 Phase-7
117	Know Tice	Jay Bhuptani	Prof. H B Tank, Prof. M C Sahoo	EC	22,000/-	Nov-2020 Phase-7
118	Noisld	Harshit Raval	Dr. Manish Thakker, Dr. S S Pathan	IC	49,000/-	Nov-2020 Phase-7
119	Web based movie/series/tvshows recommendation	Dhruv Barot	Dr. H M Diwanji	IT	64,500/-	Nov-2020 Phase-7
120	"Conference and Seminar Analysis	Nirav Panchal	Prof. S J Patel	IT	45,000/-	Nov-2020 Phase-7

	- Works Analytics" using Deep Learning					
121	Indoor Air Quality Control by UV Technology in Air Conditioning System	Jimishkumar Thakkar	Prof. H A Shukla	Mechanical	60,000/-	Nov-2020 Phase-7
122	Recycling of PVC	Mr. Jay Patel	Prof. S R Shah , Prof. H C Shah	Plastic	15,000/-	Nov-2020 Phase-7
123	Biodegradable Packaging	Dhruv Patel	Prof. G G Bhatt	Rubber	80,000/-	Nov-2020 Phase-7
124	Development of antimicrobial deproteinized natural rubber latex gloves comprising bio-inspired anti-microbial agent	BHAVSAR SARTHAK	Prof. P N Chavda	Rubber	80,000/-	Nov-2020 Phase-7
125	Multilayer fabric for electromagnetic shielding	Jay Maniar	Dr. A I Thakkar	Textile	50,000/-	Nov-2020 Phase-7
126	Design modification of defense women officer's	Manisha sihag	S J Parapuram	Textile	50,000/-	Nov-2020 Phase-7
127	CO2 Capture by Municipal Solid Waste (MSW)	Suvar Hetal	Dr M V Shah	Applied Mechanics	1,10,000/-	March-2021 Phase-8
128	A Handy Bar Bending Tool	Pal Aditya Anilkumar	Prof C D Patel & Prof B R Patel	Applied Mechanics	45,000/-	March-2021 Phase-8
129	Corrosion Inhibitor Technology Development	Sharma Ashvin Rajiv	Prof. D. R.Tarachandani & Prof M G Vanza	Applied Mechanics	1,30,000/-	March-2021 Phase-8
130	Protective Shade at Intersection	Vinodkumar Prajapati	Prof S H Kazi	Civil	20,000/-	March-2021 Phase-8
131	Design and Development of Robot for Medical and Sanitization	Meet Dagli	Prof. D. M. Chandra	Mechanical	90,000/-	March-2021 Phase-8

	Purposes					
132	Smart Weighing Scale	Dhrumil Barot	Prof. S. L. Bharwad, Prof. H. L. Desai	EC	29,000/-	March-2021 Phase-8
133	Acanthis	Het Shah	Prof. Vihang Dholakiya	Electrical	1,00,000/-	March-2021 Phase-8
134	Smart Shield	Manav Jain	Dr. Hiteshi Diwanji	IT	71,000/-	March-2021 Phase-8
135	Greensats	Prapti Jain	Prof. madhusmit Sahu, prof. Abhay Upadhyay	EC	17,000/-	March-2021 Phase-8
136	Paver Blocks Using C & D	vasu Shah	Dr. M S Gadhvi Prof. P I Modi	Applied Mechanics	2,00,000/-	Sept-2021 Phase-9
137	Ultra High Srenth Concrete	Naman Thaker	Prof. A G Hansora	Applied Mechanics	50,000/-	Sept-2021 Phase-9
138	eDost	Dhruvit Patel	Prof. H A Joshiyara	Computer	50,000/-	Sept-2021 Phase-9
139	Logisim2	Devansh Mistry	Miss Nirjari Desai	IT	80,000/-	Sept-2021 Phase-9
140	Model Rocket Buildong Project	Abhishek Ghoniya	Prof. Kinjal Sheth	EC	16,000/-	Sept-2021 Phase-9
141	Celer	Jay Shah	Prof. Mihir Vasavada	Electrical	1,35,000/-	Sept-2021 Phase-9
142	D-Gravity	Dhruval Nai	Prof. F A Macwan	Electrical	42,000/-	Sept-2021 Phase-9
143	Digital control based 3D Printer	Pratik Panchal	Dr. M T Thakker	IC	1,20,000/-	Sept-2021 Phase-9