

No. LDCE/SSIP/PoC_sanction/Phase6/

Date: 30-05-2020

To
The Head of Automobile/Biomedical Engg/Chemical/Computer/Electrical/EC/IC/ITEngg
L. D. College of Engineering
Ahmedabad -15

Sub: Regarding sanction of financial/other support towards POC/prototype assistance under SSIP policy of Govt. of Gujarat from your department.

Reference: SSIP action plan and PoC/prototype assistance circulars No. LDCE/SSIP/action plan /57 dt 4/1/2018 and online evaluation on 4th – 5th May 2020 by SSIP Institute level Scrutiny committee.

In continuation to above subject and reference and the applications received by the LDCE SSIP Committee for proof-of-concept /prototyping support under Student Start up and Innovation Policy (SSIP). The departmental preliminary screening committee shortlisted a number of applications which were then referred to the SSIP Central Scrutiny committee for further evaluation. In view of the present COVID 2019 pandemic situation and in lines with various guidelines issued by State and Central Governments from time to time, the committee evaluated the shortlisted applicants with standard presentation format through online platform of Google meet. Accordingly, based on the recommendations and observations made by the SSIP institute level Scrutiny committee, the following applicants of your department are sanctioned financial/other support as per below mentioned details:

Sr. No.	Name of Applicant	Name of Innovation/Start up	Department	SSIP Committee's Fund Recommendations / Mentorship (INR)	Remarks (if any)
1	HARDIK GOHIL	WHEEL ALIGNMENT MACHINE	Automobile Engineering	40,000	1) It will be a game changer if applicants can produce it in this much amount. 2) Expert help may be needed for material selection.
2	Karan Patel	NIVARAN (Non Invasive Vital sign Respiratory ANalyser)	Biomedical	1,50,000	Diagnostic Device for COVID19
3	Chahana Panchal	PRAN (Protective Respiratory Auxiliary Node)	Biomedical	1,36,700	Useful in respiration in contagious air with bacteria or virus, specifically COVID19. It will be design in two different form PRAN P (for patient) and PRAN D (for health professionals)
4	Kanksha Mehta	Study of utilization of industrial waste in manufacturing building materials	Chemical Engineering	17000/-	a) Remaining fund/ to be released after successful implementation of First stage & review by experts. b) Add U.G. students in your team for execution of task.

5	MOHD. AFZAL ANSARI	vRecycle	Computer Engineering	80000/-	a) 25% of the sanctioned amount to be released initially. b) Remaining amount to be released after review of progress of work done. c) Add more team members to execute the task
6	Shah Rohan Jigneshkumar	Tensor-Vision Technology	Computer Engineering	30000/-	Instead of individual attendance, group attendance to be managed.
7	Sagar dixit	Camera Surveillance	EC	45000/-	Work station price is excluded. If possible add one or two junior student
8	Janak Patel	Smart board	EC	15000/-	"Increase the utility of project
9	Vadik rutik	Fake news detection	EC	20000/-	Price of few LED screen is excluded"
10	Domadiya yash kamleshbhai	laser controlled infusion monitoring unit for smart healthcare system	EC	30000/-	
11	Fera Miteshkumar B.	WIRELESS POWER TRANSMISSION	Electrical Engineering	8000/-	Check the medical standards
12	Hirani Ravi Dalsukhbhai	Automatic solar panel cleaning robot	Electrical Engineering	25000/-	
13	Savaliya Sahil Chandubhai	MODIFIED AUTOMATIC STAR-DELTA STARTER	Electrical Engineering	14000/-	Implement suggestions given by technical & eco system Expert during PoC development.
14	Harsh Sureshkumar Patel	VIRUS DETECTOR	Electrical Engineering	100000/-	a) 50% of the sanctioned amount to be released initially. b) Remaining 50% fund to be released after review of progress by experts.
15	Milan Desai	Autonomous disinfection robot	IC	50000	a) Applicants are advised to do detailed analysis about techniques required to disinfect from different viruses. b) Applicants are also advised to think of currency disinfection. c) prefer uv led over uv lamp
16	Bhatt Kirtan	Underground Cable Fault Detector	IC	11000	a) Applicants are advised to get connected with ERDA-Vadodara to do more research on the topic. b) Applicants are advised to try and get industrial mentorship, may be from Torrent Power Ltd.
17	Parekh Zarana	SAT D2.0	IC	50000	a) Applicants are advised to get connected with drone lab and try to test the concept using existing drone. b) Applicants are advised to add junior students in the team.

					c) Applicants are also suggested to think of many factors such as specific height requirement for proper sanitization, maintaining constant flow rate of sanitizer, mechanism for obstacle detection etc.
18	Milan VinodbhaiThakor	LiftUp	Information Technology	22000/-	a) Fund sanctioned for 3 Months subscription + 1000 requests. b) Required regular review of progress by experts.
19	Detroja Mitkumar	Medicine Backtracking	Information Technology	25000/-	Required regular review of progress by experts.
20	Tirth Shah	Machine Learning Lovers	Information Technology	35000/-	a) For hardware, studio development at Institute. b) Required regular review of progress by experts.
21	Bhumi Sharma	MediLocker	Information Technology	40000/-	a) Fund sanctioned for Phase I – first 6 Months. b) Regular review at every 2 months c) additional 60K post 6 months, assuming there is satisfactory progress

It is hereby directed to inform all applicants and respective guide of recommendation/observations of SSIP scrutiny committee in person or by email. Applicants whose ideas / innovations have not been approved for POC/Prototype support may seek more information from Department SSIP Coordinator/concerned faculty coordinator, and should be encouraged to try more ideas / innovations or modifications as suggested.

For above mentioned applicants, whose financial funding application have been approved, you are directed to ensure these applicants fill the 'LDCE SSIP Form (2)' through email latest by 05/06/2020. The soft copy of the duly filled 'Form (2)' received through email from the above stated grantees shall have to be maintained at department, however, a copy of each is to be forwarded to the SSIP institute coordinator latest by 12/06/2020 through email.

All Procedure for stores & purchase should be adhered and followed by the concerned department at department level as per standard formats of stores/purchases based on details given by the sanctioned team. All the expenses shall be done by the concerned department on behalf of the team/applicant, and a prior sanction is necessary before any purchase/services in the prescribed formats.

The above teams/applicants should be invariably informed to utilise the sanctioned amount within stipulated time duration as and when instructed by the institute from time to time. Moreover, the sanctioned funds shall be released subject to availability of funds at the institute and sanction/disbursement of funds from the nodal agency Gujarat Knowledge Society, Gandhinagar from time to time.

The Principal reserves the right to partially or fully cancel the sanctioned amount/letter without assigning any reason whatsoever it may be.


Principal

Encl: Format of LDCE SSIP Form 2 (Including Annexure A & B) to be filled by the sanctioned team/applicant

Copy to:

- 1) Institute SSIP Institute Implementation committee for further necessary action
- 2) Copy submitted with respect to Hon'ble Director of Technical Education, Gandhinagar for information