

SSIP Project scrutiny under SSIP-GECV

- The State Government has launched the Student Start-up and Innovation Policy (SSIP 2.0). GEC Valsad is the one of the grantee institute for the SSIP 2.0. The institute has signed the MoU with Gujarat Knowledge Society (GKS), SSIP Gujarat, Education Department for the implementation of the policy at institute level. Under the policy institute has started various activities related to innovation, start-up and entrepreneurship. All the departments of the institute have invited the innovative proposals from the students for its development from PoC to prototype/IPR. Each of the departments has arranged the department level scrutiny of the proposals they received. The details of the proposals received and scrutinized at department level are as mentioned in the Table 1.

Table : 1 Details of proposals scrutinized at department level

Sr. No.	Department	Number of projects proposal presented	Number of projects Selected for Inst. Level Scrutiny	Number of students beneficiary
1	Chemical	09	6	36
2	Civil	02	0	08
3	Electrical	04	4	26
4	Environmental	04	3	15
5	Mechanical	15	10	48
6	ASH	01	1	04
	Total	35	24	137

After deliberation and discussion with faculty mentors, SSIP committee members and heads of the respective departments, 24 proposal were selected for the presentation at institute level screening in the presence of industrial experts and other members of SSIP cell.

Institute level scrutiny was organized on 22nd and 23rd December 2022 at B-202, Conference Hall of institute. Out of the 24 proposals, 21 proposals were presented by the students at institute level committee, whereas 3 teams were remain absent (Electrical -1, Environment-1, and Mechanical-1). The details of the presented proposals and selected proposals by the institute level scrutiny committee and number of beneficiary students are as mentioned in the Table 2.

Table : 2 Details of proposals scrutinized at institute level

Sr. No.	Department	Number of projects proposal presented	Number of Proposals suggested for support	No of Proposal suggested for scrutiny after revision in proposals	No of Proposal Rejected	Number of students beneficiary
1	Chemical	6	2	3	1	24
2	Electrical	3	2	1	0	12
3	Environment	2	1	0	1	8
4	Mechanical	9	2	0	7	32
5	ASH	1	0	1	0	4
	Total	21	7	5	9	80

The selected 7 proposals will be provided support for mentoring and financed under SSIP by total approximate amount of Rs. 1.63 lakh. Student will prepare prototypes and will make their efforts to file IPRs.

The Details of the Selected PoC proposal are as follows

Sl	Title of Proposal	Name of Students	Faculty Mentor	Dept	No. of Stud	Sanctioned Amount (Rs.)
1	Durable tiles from waste plastic bottles	Adithi U. Pillai	Prof. M K Kunwarani	Env.	5	5000/-
2	Gel Based hydrogen peroxide fuel cell	Pandey Avesh U.	Dr. N M. Patel	Chem	7	12507/-
3	Multiple Papd fryer	Matroja Kuldipsinh R.	Dr. B. R. Sudani	Chem	2	7010/-
4	Flexible and potable solar panel carriage with tracking mech.	Thakur Deepak	Prof. H. N. Patel	Mech	4	51100/-
5	Geometrical Enhancement in absorber plate of square pyramid solar still-An exp. study	Patel Aakash M.	Prof. S. K. Patel	Mech	1	49435/-
6	IoT based smart irrigation system	Joshi Mann C.	Dr. K. L. Mokariya	Elec	4	37000/-

7	Wireless voltage detecting helmet for linemen	Patel Saurabh S.	Prof. N. I. Patel Prof. D. C. Parmar	Elec	4	1400/-
Total sanctioned amount (Rs)						163452/-

