

SSIP Cell, SVIT Vasad

SVIT Vasad had received grant under SSIP 1.0 and 2.0 Nodal Institute under the Student Startup and Innovation Policy (SSIP) of Education Department, Government of Gujarat for encouraging & supporting young student innovators. With the motive to make students of SVIT aware and to enhance their knowledge about “SSIP”, various programs were organized under the banner of SSIP Cell, SVIT-Vasad.

- Total Grant Received under SSIP State Policy 1.0 (2017-2022) to SVIT Vasad for the year- 2019 to 2020: Rs. 5, 00,000/-
- Grant Received under SSIP State Policy 2.0 (2022-2027) to SVIT Vasad for the year- 2022-2023: Rs.5, 00,000/-
- SVIT Vasad also contributed the Grantee Matching Fund of Rs. 10,00,000/- for the above mentioned period.

ACTIVITIES CARRIED UNDER SSIP 1.0

- Total Number of sensitization programme conducted: 12
- Total Number of Students Outreached and Sensitized: 510
- Total Number of IPR's activities Conducted: 07
- Total Number of Workshops: 03
- Total Number of Proof of Concept (POC)/Prototype Supported: 26
- Total Number of Innovative Student Projects Supported: 08
- Number of Research Paper Publications: 02
- Number of Start-ups supported: 02

1.	ZAVX SWITCHES, Vadodara
2.	REGREN Technologies pvt. Ltd, Vadodara

ACTIVITIES CARRIED UNDER SSIP 2.0

➤ **SSIP 2.0 Sensitization Event**



The event was attended by 205 students and 10 faculties at New Architecture building under SSIP 2.0 at Sardar Vallabhbhai Patel Institute of Technology Vasad (SVIT).

➤ **Expert Talk on entitle “Start-ups, The future of 5 Trillion Economy” under Impact Lecture Series Session 2**



Expert Talk by Mr. Mitesh Shethawala, Co-Founder & CEO, Hashtechy Technologies Private Limited (SVIT Alumni) on entitle “**Start-ups, The future of 5 Trillion Economy**” under Impact Lecture Series Session 2. The event was

attended by 80 students and 10 faculties at New Architecture building under SSIP 2.0 at Sardar Vallabhbhai Patel Institute of Technology Vasad (SVIT).



Smart India Internal Hackathon



Expert Talk by Mr. Mitesh Shethawala, Co-Founder & CEO, Hashtechy Technologies Private Limited (SVIT Alumni) on entitle “**Start-ups, The future of 5 Trillion Economy**” under Impact Lecture Series Session 2

➤ **Project Funded under SSIP 2.0 Policy by SSIP Cell-SVIT Vasad**

SSIP Cell, SVIT Vasad had arranged an SSIP 2.0 screening under the SSIP 2.0 policy on 11th February, 2023. Total 10 no’s of project proposals were selected for funding out of 18 no’s of project presented for screening under SSIP 2.0. A total amount of Rs. 694578 /- were funded for financial year 2022-23.

Glimpses of SSIP 2.0 PoC Screening process by SSIP Cell SVIT-VASAD



List of Project Proposals Selected for funding under SSIP 2.0 screening

Sr. No.	Title of Project:	Name of Department	Team Leader Name	Total Cost
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1	Solar powered cold storage	Mechanical Engineering	Harshal Ardeshana	120000
2	Smart Switches & IoT Brick	Electrical Engineering	Sahil Zaveri	131364
3	Solar & Wind Hybrid System for Small scale Irrigation	Electrical Engineering	Chirag P. Patel	75700
4	WanderSub	Computer Engineering	Sayandeep Nayak	75000
5	Design of miniature Piezo-electric actuator based pulse-tube cryocooler	Mechanical Engineering	Neha Soni	94978
6	Ease-ride	Information Technology	Vishal Yadav	60000
7	Cloud Garden	AS&H	Shivansh Rai	15000
8	Structural Design Software	Civil Engineering	Vedant Pancholi	42000
9	Solar Dryer with PCM and AI	Mechanical Engineering	Shivam Patel	45536
10	Arduino Multipurpose Drone	Aeronautical Engineering	Neel Dalwadi	35000
Total Amount				694578

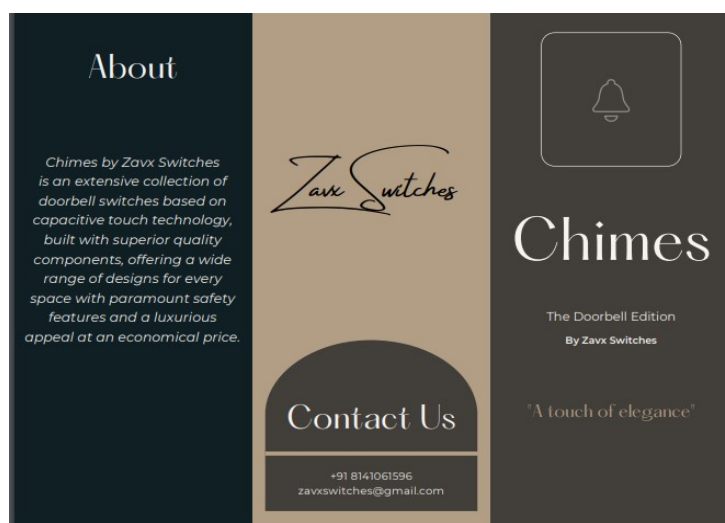
List of Project Proposals Selected for funding under SSIP 1.0 screening

Sr. No.	Title of Project	Name of Department	Team Leader Name	Total Cost
1	Magneto-Rheological Fluid Braking System	Mechanical Engineering	Nirav Satishbhai Gamit	6000
2	Efficacy Of Tool, Tool Path & Lubrication On Single Point Incremental Forming	Mechanical Engineering	Prajapati Vivek Maganbhai	15000

3	Development Of Mechanical Stir Casting Set Up For Fabrication Of Aluminium Matrix Composite	Mechanical Engineering	Rana Mihirkumar Ambalal	31800
4	Design And Development Of Pulse Tube Refrigeration System	Mechanical Engineering	Sahil Maheshbhai Variya	10000
5	Injectruder	Mechanical Engineering	Wilson	8000
6	Hydrogen: Fuel Saver	Mechanical Engineering	Panchal Deep Shekharbhai	17000
7	Heat Engine Working On Elastic Material	Mechanical Engineering	Shivam Patel	5500
8	Experimental Study Of Thermoacoustic Engine	Mechanical Engineering	Vishv Solanki	22000
9	Nettoyer(Cleaning Mechanism For Pv Panels)	Mechanical Engineering	Uren Mistry	9000
10	Protective Coating For High Temperature Applications	Mechanical Engineering	Mihir Machhi	13000
11	Wireless Control System	Instrumentation & Control Engineering	Harshil Jatinbhai Patel	13000
12	Counter vision	Computer Engineering	Dhrumil Barot	8000
13	Simultaneous Localization and Mapping	Computer Engineering	Vaidehi Parikh	20000
14	Automatic Car Parking Assistant	E & C Engineering	Khanjan Vaidya	10000
15	AUTONOMOUS SKIES	E & C Engineering	Darshan Panchal	35000
16	FLYING COP /NIGHT SECURITY DRONE FOR GIRLS	E & C Engineering / Aeronautical Engineering	Tajinderkaur Mahera/Vinay Shaileshbhai Darji	65200

17	Iblackbox	Master of Computer Applications	Ronak Kumar Umakant Patel	14000
Total Amoun				302500

Start-ups supported under SSIP Cell, SVIT VASAD



Start-up under SSIP Cell, SVIT “ ZAVXSWITCHES”

STARTUP:-

VAWT



REGISTERED COMPANY:



Address:

C/o Parth Giri, Nr Hanuman Mandir,
GIDC Industrial Area, Manjalpur,
Vadodra, Gujarat - 390010
Contact no: +91 90334 95654

TITLE:

**"Hybrid Power Generation Through
Sheer Axis Aero Generator,
Photovoltaic Cell and Pressure Crystal"**

IP:

201821028723

FUNDS ALLOCATED:

POC:

₹ 9,75,200

MARKETING:

₹ 10,00,000

PRESENT STATUS:

Utilizing the POC allocated fund, Team VAWT has developed 3 prototype: i.e. **VAWT 1.0, VAWT 2.0, VAWT 3.0**. Based on the trial, research & outcome **VAWT 3.1** is in development stage with enhanced output. Further, Team VAWT is planning to enter in market by end of year **2020** and to approach investors.

SUPPORTED BY:



#startupindia



SSIP
Student Startup Incubation Policy

SLIC

Start-up under SSIP Cell, SVIT “ REGREN TECHNOLOGY PVT. LTD”

➤ **Facilities Developed under SSIP Cell:**

1. Fab Lab



2. 3-D Printing Facility



3. Incubation Facility



4. SSIP & IPR Cell



Photographs of the activities of SSIP