



Sardar Vallabhbhai National Institute Of Technology, Surat

NEWSLETTER

*Vol. 02 Issue. 04
(March-2021)*



Association for Harnessing Innovation and Entrepreneurship ASHINE (NIDHI - TBI)

In Association With:

Sardar Vallabhbhai National Institute of
Technology, Surat

Department of Science and Technology
(DST), NIDHI-TBI, Government of India.

Student Startup & Innovation Policy
(SSIP), Gujarat Government

Industries Commissionerat (IC),
Gujarat Government

ABOUT

SVNIT Surat in association with the Department of Science and Technology (DST), Government of India, has established a NIDHI-TBI (Technology Business Incubator) named ASHINE (Association for Harnessing Innovation and Entrepreneurship). ASHINE which is a section 8 (not-for-profit) company aims to promote entrepreneurial activity on SVNIT campus and commercialization of R&D efforts across all disciplines of Engineering and Technology including Energy, Environment and Manufacturing. It also extensively undertakes pre-incubation activities for students under the SSIP policy of the Government of Gujarat and provides Seed funding support through Scheme for Assistance for Startups/Innovation, Industries Commissionerate, Government of Gujarat for further scaling. It also envisions developing incubation activities in other sectors in the coming years with support from various government/semi-government and private entities.

VISION

To be an ecosystem for entrepreneurs to start a viable enterprise with global competence for sustainability and inclusive growth.

MISSION

To facilitate entrepreneurship that blends creativity, innovation, product design, and engineering for employment creation and wealth generation.

OBJECTIVES



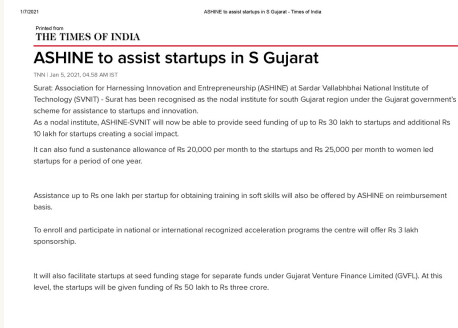
- To promote and support entrepreneurship and innovation and allied concepts across SVNIT, Surat, other institutes of National Importance as well as other technical institutes.
- To implement and handle operations and management of startup and innovation incubators.
- To develop, frame and implement policies to support startups.
- To extend the state of the art laboratories and other world-class incubation and pre-incubation facilities to startups, entrepreneurs and innovators.
- To support IPR awareness and registration activities.

RECOGNITION AS NODAL INSTITUTE BY INDUSTRIES COMMISSIONERATE, GOVERNMENT OF GUJARAT

BENEFITS

Association for Harnessing Innovation and Entrepreneurship (ASHINE) at Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat has been recognized as the 1st Nodal Institute (NI) of South Gujarat region under the Scheme for Assistance for Startups/Innovation, Industries Commissionerate, Government of Gujarat.

MEDIA COVERAGE



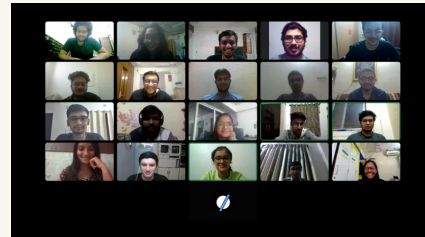
As a Nodal Institute (NI), ASHINE - SVNIT will now be able to provide seed funding of up to INR 30 Lakh to startups and an additional INR 10 Lakh for startups creating a social impact. Sustenance allowance of INR 20,000 per month to the startups and INR 25,000 per month to women-led startups for a period of one year. Assistance up to INR 1 lakh per startup for obtaining training in soft skills on a reimbursement basis. Assistance up to INR 3 lakh to enroll and participate for national/international recognized acceleration programs.

For mid-level Pre-Series A funding of startups, a separate fund under Gujarat Venture Finance Limited (GVFL) for smaller ticket funding between INR 50 lakh to INR 3 crore. Additional 1% Interest Subsidy, maximum up to 9% on term loans to applicants under the provisions of the scheme for assistance to MSMEs.



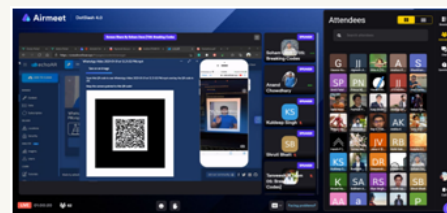
OBJECTIVE

Conducted a national level Hackathon 4.0 “DOTSLASH - Root to Ideas”, a 30 hours long event during 30th-31st of January 2021 with the aim to challenge the students to think out-of-the-box and offer innovative, disruptive, and sustainable solutions to build smart applications that would help address major real-world problems of our society.



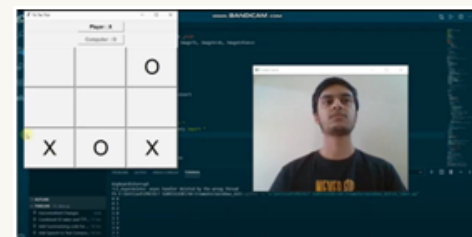
THEMES

- Rural Health Development
- Online Cheat Detection and Prevention
- Education for The Differently Abled
- Cyber Crime Prevention
- New Ways of Communication
- Post-Covid Tourism
- Tackling Climate Crisis



JUDGES PANEL

- Mr. Anand Chowdhary
(Co-Founder and CTO - Koj)
- Mr. Ankit Rastogi
(Chief Product Officer - Angel Broking)
- Ms. Jyotsna Gupta
(Senior Software Engineer - Gojek)
- Mr. Kuldeep Singh
(Head of ARVR Practice -ThoughtWorks)



DETAILS OF BENEFICIARY

The event was organized virtually on the Airmeeet platform. After getting 843 registrations from 381 teams all around the nation, the best 40 teams (113 Participants) were shortlisted.

TOP 8 TEAMS			
1- T40 : CREWMATES Gaurav Kumar Anshoo Rajput Shankhanil Borthakur	2- T21 : HACK OVERFLOW Aman Tibrewal Harshit Gangwar Ayush Srivastava	3- T34 : ERROR 404 Prakrit Raj Chetan Pandey Saksham Aggarwal	4- T32 : ANONYMOUS Jainil Shah Abhinav Gupta Adit Alwara
5- T05 : BREAKING CODES Soham Dave Rushank Shah Tanveesh Singh Chaudhery	6- T25 : TWELFTH HOUR Sahil Lalit Bondre Aemie Hitesh Jariwala	7- T01 : THE PACK Akshay Sharma Rishav Sharma Satya Prakash	8- T33 : FRONTLINERS Taksh Panchal Avni Agarwal Himanshu Pandey

HACKDOTSLASH- ROOT TO IDEAS-4.0

SPONSORS



PRIZES

- First prize: Amazon Gift Card worth Rs. 5K to each Team Member.
- Second prize: Amazon Gift Card worth Rs. 3K to each Team Member.
- Third prize: Amazon Gift Card worth Rs. 2K to each Team Member.

SPONSOR PRIZES

- 1Password: 6 Months of Free 1Password Family Account to Winning Team.
- Clerky: Company Lifetime Package to Winning Team.
- Axure: Free 1-year subscription licenses of Axure RP Team Edition to Winning Team.
- DigitalOcean: \$250 worth Credits to each of the Top 8 Teams.
- Wolfram: One Year subscription of Wolfram and Alpha Pro to Top 8 Teams.
- Coding Blocks: Discount coupons to top 3 teams.
- Interwebs.host: Free 1 Year Personal Subscription of Interwebs.Host to Top 3 Teams.
- Buythevalue: Coupons to top 3 teams and to all participants.
- Onli.in: Free access to 2 selected courses on Onli.in to Top 3 Teams.

SCHWAG KIT

Provided a kit with various goodies and stuff to all the participants who have submitted their project successfully to make Dotslash 4.0 a memorable event !

MENTORS

- Mr. Abhishek Doshi
- Mr. Akshat Jain
- Mr. Avinash Jaiswal
- Mr. Ayon Roy
- Mr. Nirav Bharadiya

MEDIA COVERAGE



WINNERS OF THE EVENT



1. Team Crewmates : (Sardar Vallabhbai National Institute of Technology, Surat)
2. Team Error_404 : (Indian Institute of Technology (Indian School of Mines) Dhanbad)
3. Team Twelfth Hour : (Sardar Vallabhbai National Institute of Technology, Surat)

ECHOAR CHALLENGE WINNER

1. Team MSD07 : (Dharmsinh Desai University)

JOVIAN CHALLENGE WINNERS

1. Team Crewmates : (Sardar Vallabhbai National Institute of Technology, Surat)
2. Team Error_404 : (Indian Institute of Technology (Indian School of Mines) Dhanbad)
3. Team BreakingCodes : (Dwarkanadas J. Sanghvi College of Engineering)

WORKSHOPS

A Series of Workshops was conducted in the preceding week of the hackathon. Total 408 participants from all over the India have participated for these workshops.



1. INNOVATION AND ENTREPRENEURSHIP



This session helped participants learn team-based problem solving and business model development to create a practical foundation for a viable company. The session was conducted by Anand Chowdhary, CEO of Koj & Judge at DotSlash 4.0 at 2:00 pm on 24 January 2021.

2. GIT & GITHUB

This session was on Git & GitHub. It is a must-learn tool that is required in every domain and is very important to learn for all developers. The session was conducted by Sahil Nare, Team DotSlash 4.0 at 2:30 pm on 26 January 2021.

3. THE HACKER MINDSET



This session covered the answer to the question, "What does it take to be a perfect team, collaborate effectively, and win hackathons by giving your best?" The session was conducted by Angela Bee Chan, CEO of Hackathons International at 2:00 pm on 26 January 2021.

4. EXPLAINING WHAT, WHY, AND HOW OF MACHINE LEARNING



This session covered the concepts of Machine Learning one of the most researched fields currently because of its wide range of applications and its incredible ability to adapt and provide solutions to complex problems efficiently, effectively, and quickly. The session was conducted by Avon Roy, Machine Learning Enthusiast & Mentor at DotSlash 4.0 at 7:00 pm on 29 January 2021.

OBJECTIVE

ENERGIZE 1.0 is a specific program created by ASHINE to receive, filter, and enable the applications received for seed-funding. These filtered applications are then forwarded to Industries Commissionerate at Government of Gujarat, where they undergo a two-level screening; before they are recognized/approved under SAS.

BENEFITS

- Seed funding of up to INR 30 Lakh to startups and an additional INR 10 Lakh for startups creating a social impact.
- Sustenance allowance of INR 20,000 per month to the startups and INR 25,000 per month to women-led startups for a period of one year.
- Assistance up to INR 1 lakh per startup for obtaining training in soft skills on a reimbursement basis. Assistance up to INR 3 lakh to enroll and participate for national/international recognized acceleration programs.
- For mid-level Pre-Series A funding of startups, a separate fund under Gujarat Venture Finance Limited (GVFL) for smaller ticket funding between INR 50 lakh to INR 3 crore. Additional 1% Interest Subsidy, maximum up to 9% on term loans to applicants under the provisions of the scheme for assistance to MSMEs.

APPLICATIONS RECEIVED

18 applications have been received under Energize 1.0. Startup Support Program from all across Gujarat. The shortlisted applications will be sent to the Industries Commissionerate, Government of Gujarat for further screening..



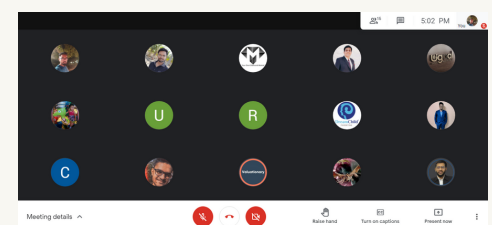
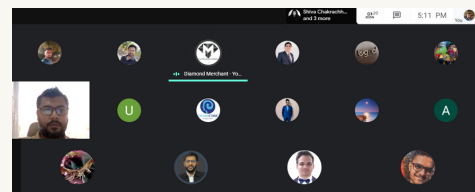
SELECTION PROCESS

The Selection Process was carried out initially by the internal screening committee comprising of startup and industry experts and then shortlisted applications will be sent to the Industries Commissionerate, Government of Gujarat. for further screening..

TRAINING WORKSHOP ON CREATING A CORRECT PITCH DECK AND AN EFFECTIVE ELEVATOR PITCH

Arranged a virtual training workshop on “Creating a Correct Pitch Deck and an Effective Elevator Pitch” by Mr. Shah on March 04, 2021, for the inducted startups and startup enthusiasts associated with ASHINE. Total 20 Startup founders/co-founders attended the event.

It was an interactive event where startups cleared their doubts with the speaker.



FACULTIES SENSITIZATION WORKSHOPS

Two sensitization workshops were carried out for all the departments at SVNIT to spread awareness about ASHINE and sensitize regarding the benefits and support provided under the Student Startup & Innovation Policy (SSIP), Scheme for Assistance for Startups/Innovations (SAS), National Initiative for Developing and Harnessing Innovations (NIDHI) by ASHINE, SVNIT. The Sessions scheduled on 10th and 12th February 2021. Total 46 faculty members attended these sessions.



ECO SYSTEM INTERACT

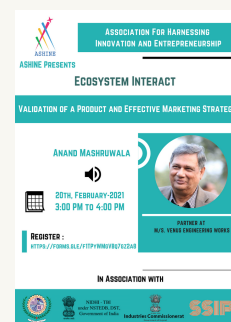
INTERACT provides a platform to enable the culture of Entrepreneurship, Collaboration, Learning & Interaction with Start-up Ecosystem Experts. The meet will enable discussion and talk related to Start-up and Entrepreneurship.

PREPARING FOR A SUCCESSFUL ENTREPRENEURIAL JOURNEY



The session conducted by Mr. Ankit Macchar (Head – Ecosystem Development, NEN India, Southeast Asia, and Egypt, Wadhvani Foundation). It was an interactive session. Total 88 Students participated in this virtual event.

VALIDATION OF A PRODUCT AND EFFECTIVE MARKETING STRATEGY



The session conducted by Mr. Anand Mashruwala (Partner at M/S. Venus Engineering Works). It was an interactive session where a total of 96 participants consisting of incubated startups, student associates and student startup enthusiasts joined and cleared their doubts with an industry veteran.

SMART SOLUTIONS FOR STARTUPS/INCUBATORS

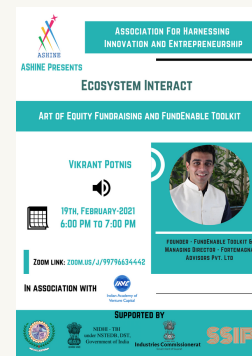


Arranged a workshop for the startups and startup enthusiasts associated with ASHINE in partnership with ISBA and HDFC Bank. HDFC Bank has set up a smart solution (SmartUp) for Startups. SmartUp is leveraged to assist in achieving startup goals with smart financial tools, smart advisory services, and technology. HDFC Bank has developed a specialized end-to-end banking solution for startups which includes corporate salary accounts (with no requirement of a minimum number of employees per startup), forex advisory services, payment and collections solutions & POS terminals at preferred rates, and nodal accounts for market places among others. The session was carried out by Mr. Parthiv Gandhi - HDFC Bank whereas the session was facilitated by Mrs. Delphina Rex - ISBA. A total of 09 startups participated during the session.

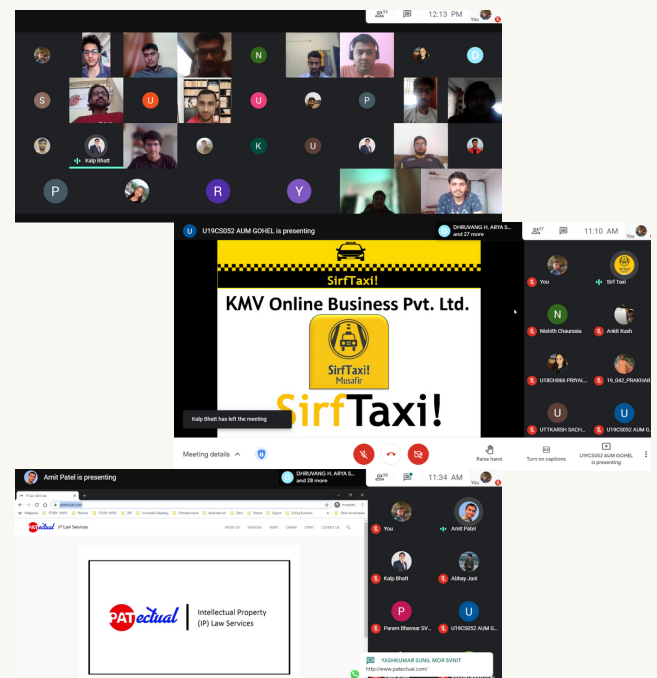
STARTUP INTERNSHIP DRIVE 1.0

Startup Internship Drive for the Student Associates at ASHINE was conducted virtually on February 20, 2021. Student Associates who have completed the certificate course by Startup India and UpGrad and acquired basics related to Startups & Entrepreneurship in Students Associateship Program selected for this. Startup founders interacted with 40 Students Associates and presented Internship opportunities available to their startups.

ART OF EQUITY FUNDRAISING AND FUNDENABLE TOOL KIT



Arranged a workshop to understand how the fundraising process can be carried out. The session conducted by Mr. Vikrant Potnis - Founder of FundEnable Toolkit- and having vast experience across Venture Capital and Investment banking by collectively working on transactions upwards of INR 200 Cr. It was an interactive session where total 10 startups have participated and cleared their doubts related to startup valuation and fundraising.



SESSION WITH AMAZON WEB SERVICES (AWS)

On 26th February 2021, a session for utilizing the free services provided by AWS was carried out from 11:00 am to 12:00 noon for the 10 incubated startups at ASHINE-TBI. A total of 20 people attended this session.

The benefits and services are listed as follows: (i) AWS Activate: AWS Credits starting from \$1k upto \$100,000 with business and tech support. Startups get access to a dedicated Account Manager and Solutions Architect for support. (upto Series A startups); (ii) Amazon Partner Network (APN): Technology Partners can receive dedicated support to become enterprise-ready with additional benefits, a simplified path to APN tier advancement, a more robust set of resources, and campaigns that are tailored for their business. The startups in the program are given strategic support in three key areas: product development, go-to-market strategy, and co-sell support; (iii) AWS Marketplace: List your startup services (B2B) on the biggest marketplace through AWS. Your product/services will be available for any and every AWS partner to see and work with (need a US/UK Entity or presence as well); (iv) AWS Enterprise Connect: Startups get an opportunity to work on use cases set by large scale enterprises. Startups get connected with said enterprises and work with them to solve pressing issues; (v) AWS Capital Connect: Now an Informal program, Capital connect is where the startup BD team works to connect a startup with an investor or accelerator of their choice.

STARTUPS ONBOARDING FOR PRE INCUBATION PROGRAM

On 22nd February 2021, 10 startups that were selected under the Pre-Seed funding programs namely: Ignition 1.0 and Catalyst 1.0 were officially inducted under the Pre-Incubation Program at ASHINE-TBI after the completion of the gestation period of 03 months, as per the guidelines of the Student Startup and Innovation Policy (SSIP). From 3:00 pm to 5:30 pm, these startups interacted with the members of the ASHINE Committee. The startup founders/co-founders understood and signed the conditional offer of Incubation. Further, these startups along with the team - ASHINE took a complete tour of the upcoming infrastructure of ASHINE-TBI. A total of 20 startup founders, Team Members etc. attended the onboarding process.



GRIFFIN WHEELS



Griffin Wheels is an initiative to provide Smart Transportation Service to students living in Mega Cities and Huge campuses like SVNIT. It was Started by SVNIT students to solve their own niche problem of commuting across the city and campus in an economically and technologically viable manner. It aims to minimize the latency between users and micro-commuting and spread it across every Campus and corner where there is a need for quick and reliable micro-commuting service.

Valuationary is an Edtech platform to learn the practicalities of the financial world. They are building a complete ecosystem around the BFSI domain by providing highly curated courses, free courseware, webinar, newsletters & blogs to bridge the skill-gap between products of the education system & requirements at the workplace. The platform enables the candidates to become employable by upskilling and then connects them with our hiring partners who are exactly looking for practical traits in their ideal resource.

VALUATIONARY



STAR - SPACE TECHNOLOGY & AERONAUTICAL ROCKETRY



STAR is a Space Education & Research-based startup that firmly believes that Space is for Everyone. Star provides Project-Based Learning and Hands-on Experience on space technologies to young minds. Star provides training, mentoring, and infrastructure to build space-based innovations. They are building a community of the future space generation. They have built Mars Rovers, Small Satellites, Model Rockets, and also launched 30+ High Powered Rockets.

PIBLITZ



PiblitZ is a platform where Tech creators can come and upload their projects. Tech creators include Cad-designers, embedded system engineers, tech bloggers, students, professors, etc. Anyone on the platform can edit or add new knowledge to any project, enabling to build and share "OPEN KNOWLEDGE" for the community. It is a platform for knowledge development where anyone can crowdsource any knowledge by getting knowledge contributions from people worldwide.

Solid waste management and solutions deal with solid waste management, a step towards sustainability, by providing a platform to manage all organic waste generated from different sources. They provide patented composting machines for the rapid degradation of organic waste into nutrient-rich compost within 20-25 days.

SOLID WASTE MANAGEMENT AND SOLUTIONS



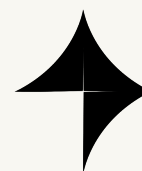
NOVA TECH LABS



Nova tech labs have built the smallest satellite that weighs only 29 grams and has the size of 3*3.3 cm³ volume which can go into space and helps to fetch the data from LEO. These Small Satellites are faster, cheap, and reliable than conventional satellites. These small satellites can change the revolution of faster and safer data with constellation-based networks that consist of hundreds of small satellites that are responsible for fetching real-time data.

VEGG is making a smart home system platform that will enable all smart home devices to be connected to each other. They are designing an affordable solution for the wireless smart system ecosystem within a home that can connect smartphones to smart belts.

VEGG



OPPORTUNITIES FOR DIGITAL TRANSFORMATION IN THE GEMS & JEWELLERY INDUSTRY



Arranged a workshop to understand opportunities for digital transformation in the gems & jewelry industry.

The session conducted by Mr. Rishikesh Trivedi. Mr. Rishikesh is a strategic investor and advisor in multiple tech startup companies.

It was an interactive session. Total 36 participants interested in the Gems & Jewelry Industry participated in this virtual event and understood the various opportunities for digital transformation in the Gems & Jewelry industry.

CATALYST 2.0



OBJECTIVE

Under this program, applications are invited for startups who want to avail pre-seed funding to develop prototypes. This program was open for all Students, Startup Enthusiasts with an Idea.

BENEFITS

- Pre-seed funding upto Rs. 2,00,000/-
- Open to Students, Startup Enthusiasts, Innovators, etc.
- Guidance on ASHINE-SVNIT incubation application to all startups
- Feedback from ASHINE mentors to finalists
- Opportunity to be mentored by SVNIT - Surat gurus
- Chance to partner with SVNIT - Surat students as co-founders
- Enrollment to Wadhvani Foundation Certified Entrepreneurship Program
- E-Certificates for winners from ASHINE

APPLICATIONS RECEIVED

17 applications have been received under the Ignition Startup Support Program from all across Gujarat. The second phase of rigorous scrutiny will be carried out by the selection committee.

SELECTION PROCESS

The Selection Process was carried out by the scrutiny Committee as per the SSIP Guidelines. Selected startups will be offered a pre Incubation under SSIP at ASHINE.



Association for Harnessing Innovation and Entrepreneurship ASHINE (NIDHI-TBI)

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