



**Sardar Vallabhbhai National
Institute Of Technology, Surat**

NEWSLETTER

*Vol. 03 Issue. 01
(June-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 Commisionerat (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.

**OBJECTIVE**

ENERGISE 2.0 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.

16 applications have been received under Energise 2.0. 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..

FACULTY ORIENTATION PROGRAM

A Faculty Orientation Program was carried out for the newly recruited faculty members at SVNIT. Under the leadership of Dr. R. V. Rao, Dean (Faculty Welfare), and Dr. V. A. Kheraj, Asso. Dean (Faculty Welfare); 33 faculty members visited ASHINE (NIDHI-TBI) at SVNIT on 25th June 2021 from 5:30 pm onwards. The faculty members interacted with the ASHNE team and understood the importance of developing an innovation-focused entrepreneurial ecosystem and the initiatives being carried out to nurture the startups across South Gujarat. the Gems & Jewelry industry.



WF STARTUP LABS PROGRAM - COHORT 2.0

ASHINE - TBI, SVNIT in partnership with Wadhvani Foundation - Startup Labs launches the 10-week Entrepreneurship Program for 13 Student/Startup teams.

WF Startup Labs - A special purpose vehicle in colleges, which becomes the "Hub" for venture creation on a college campus.

Startup Labs would offer a structured, guided, and blended program that takes the venture who has a business model and/or an MVP from the stage of a Potential Real Venture to a Real Venture in the market.



BENEFITS

- Empower students with an entrepreneurial mindset and business skills leading to long-term entrepreneurship.
- Support student entrepreneurs with validated ideas to start meaningful ventures by customized skilling and learning programs;
- Access to Wadhvani entrepreneurship curriculum, content, and assessments via LearnWise, a LMS platform.
- Access to face-to-face and ongoing online training programs for faculty nominated by the Center and approved by NEN to build faculty knowledge and skill to facilitate the Startup Labs program.
- Program management hand-holding guidance by NEN's regional manager
- Provide merit certification to faculty, after the program is completed, with batches of 8-12 student ventures (30-35 students), where 80% of the students shall qualify with a minimum of 80% in the overall Learn Wise assessments

FINANCE FOR FOUNDERS



Fundraising is a long process of self-reflection and effective negotiation. ASHINE-TBI organized a 2-day workshop on "Finance for Founders", to understand the following,

Session 01

1. Why raise money? Understanding its pro & cons
2. When to raise money? Is there a best time?
3. How much to raise? Sources & instruments

Session 02

1. How to value your start-up? Some easy valuation methods & hygiene checks. The session conducted by Mr. Pratik Bajaj & Mr. Kunal Shah who are the founders of our incubated startup-Valuationalary. It was an interactive session where a total of 169 participants consisting of incubated startups, student associates, and student startup enthusiasts joined and cleared their doubts.

INTERACTION BETWEEN ASHINE TBI, SVNIT, AND SGCCI FORCISING A MEMORANDUM OF UNDERSTANDING

In order to strengthen the entrepreneurial ecosystem by bridging the gap between industry and academia, two meetings were carried out between the committee of ASHINE-TBI, SVNIT and SGCCI. On 28th May 2021, the delegation from the Southern Gujarat Chamber of Commerce and Industries (SGCCI) visited ASHINE-TBI, SVNIT and discussed the scope of the collaboration between the eminent organizations. The delegation consisted of the following members:



- Shri. Ashish Gujarati, President-Elect, SGCCI
- Shri. Nikhil Madrasi, Hon. Secretary, SGCCI
- Shri. Deepak Shethwala, Group Chairman, SGCCI
- Shri. Himanshu Bodawala - Group Chairman, SGCCI
- Shri. Mayank Desai, Chairman, Startup Committee, SGCCI
- Shri. Haresh calcuttawala, Co-Chairman, Startup Committee, SGCCI
- Mr. Paulik. Desai, Dy. Secretary, SGCCI.

On 4th June 2021, the delegation from Association for Harnessing Innovations and Entrepreneurship (ASHINE), a Technology Business Incubator (TBI) supported under the National Initiative for Developing and Harnessing Innovations (NIDHI) and hosted by Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat; visited SGCCI and discussed the deliverables from either organization for the collaboration.

The delegation consisted of the following members:

- Dr. S. R. Gandhi-Director, SVNIT
- Dr. P. L. Patel-Dy Director, SVNIT
- Dr. D. C. Jinwala-Dean (Research & Consultancy)
- Dr. J. Banerjee-Prof. Incharge (Research Park)
- Dr. P. V. Timbadiya-Dean (Alumni & Resource)
- Dr. K. D. Yadav-Asso. Dean (Research & Consultancy)
- Dr. P. V. Bhale-Asso. Prof. (Mechanical Engg.)
- Dr. H. B. Mehta-Asso. Dean (Research & Consultancy)
- Dr. G. C. Jadeja-TBI Coordinator, ASHINE-TBI, SVNIT
- Dr. S. N. Shah-SSIP Coordinator, ASHINE-TBI, SVNIT
- Mr. Kalp Bhatt-Chief Executive Officer, ASHINE-TBI, SVNIT



MEMORANDUM OF UNDERSTANDING (MOU) SIGNED BETWEEN ASSOCIATION FOR HARNESSING INNOVATION AND ENTREPRENEURSHIP (ASHINE), SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY (SVNIT), AND THE SOUTHERN GUJARAT CHAMBER OF COMMERCE AND INDUSTRIES (SGCCI)



In an effort to bridge the gap between industry and academia and to strengthen the entrepreneurial ecosystem in South Gujarat, a Memorandum of Understanding (MoU) was signed between Association for Harnessing Innovation and Entrepreneurship (ASHINE), a NIDHI - Technology Business Incubator (TBI), Sardar Vallabhbhai National Institute of Technology (SVNIT) and The Southern Gujarat Chamber of Commerce and Industries (SGCCI) on 26th June 2021 (Saturday) at 4:00 pm.



The main objective behind this synergy is to collaboratively recognize the importance of research and development as well as to promote, support, and nurture innovation-focused entrepreneurship in South Gujarat in the areas of Engineering and Technology including Energy, Environment, Manufacturing, Gems and Jewellery, Textile.

This collaboration would focus upon the creation of the following:

- Lean Entrepreneurship Accelerator Program in the area of Gems & Jewellery, Textile, etc.
- Skill Development Program and Certificate courses in Entrepreneurship,
- Industry-Incubator initiatives to work upon real-time problems of industries,
- Commercialization of Intellectual Property from SVNIT and Access to Go-to-market for startups,
- Utilization of CSR funds towards the promotion of innovation-focused entrepreneurship.

For ASHINE-SVNIT: (i) Prof. (Dr). S. R. Gandhi, Director - SVNIT; (ii) Prof. (Dr.) D. C. Jinwala, Dean (Research & Consultancy) - SVNIT; (iii) Prof. (Dr.) J. Banerjee, Prof. Incharge (Research Park) - SVNIT signed the MoU in the presence of Prof. (Dr.) P. L. Patel, Dr. K. D. Yadav, Dr. H. B. Mehta, Dr. V. A. Kheraj, Mr. Kalp Bhatt.

For SGCCI: (i) Shri. Dinesh Navdaiya, President - SGCCI; (ii) Shri. Ashish Gujarati, President-Elect - SGCCI; (iii) Shri. Deepak Kumar Shethwala, Group Chairman - SGCCI signed the MoU in the presence of Mr. Haresh Calcuttawala.

WORKSHOP SERIES ON INTELLECTUAL PROPERTY RIGHTS

SSIP Cell at ASHINE-SVNIT organized a workshop series on Intellectual Property Rights (IPR) for interested students, startup enthusiasts, and incubated startups. Total 10 workshops carried out from 11:00 am to 1:00 pm every Saturday from April 10, 2021, onwards.

The sessions were conducted by Dr. Anish Gandhi, the Principal of C.K.Pithawala Engineering College & Registered Patent Agent (IN/PA 3035). It was an interactive session where a total of 308 participants consisting of incubated startups, student associates, and student startup enthusiasts joined and cleared their doubts.

The following topics were covered in the workshops.

Workshop 1 - Fundamentals of registering an industrial design.

Theme: Basics of an industrial design, and detailed discussion on ornamental or aesthetic aspects of an article.

Workshop 2 - Tools for Protecting Intellectual Property in Indian Context

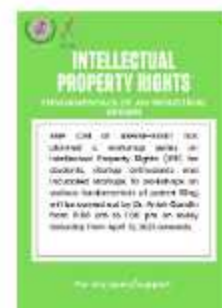
Theme: Definition of Intellectual Property with an Introduction to various types of Intellectual Property Rights available in India along with case study

Workshop 3 - Fundamentals for Patent Creation: Part I; Patent and Patentability Criteria (The Patent Act, 1970)

Theme: Basics of Patent with a detailed discussion on Patentability Criteria.

Workshop 4 - Fundamentals for Patent Creation: Part II; Non-Patentable Subject Matters (The Patent Act, 1970)

Theme: Detail discussion on the non-patentable subject matter as per sections 3-5 of The Patent Act, 1970 along with case studies.



Workshop 5 - Fundamentals for Patent Creation: Part III; Elements of Provisional Specification and Complete Specification (The Patent Act, 1970)

Theme: Details related to the drafting of provisional and complete specification for the patent along with the case study

Workshop 6 - Fundamentals for Patent Creation: Part III; Drafting of Claims (The Patent Act, 1970)

Theme: Importance of Claims in patent application along with types and structure of claims with the help of case studies

Workshop 7 - Fundamentals for Patent Creation: Part III; Types of Patent Applications

Theme: Various types of patent applications along with requisite forms and fees

Workshop 8 - Fundamentals for Patent Creation: Part III; Prior Art Search

Theme: Definition of Prior Art Search along with various types of Patent Search, Various database for Patent Search, Techniques for Patent Search with the help of case studies

Workshop 9 - Patenting of Computer Related Inventions in India

Theme: Definition of Computer Related Inventions with details discussion on Section 3k of the Patent Act 1970 along with examination procedure for examination of Computer Related Inventions

Workshop 10 - Intellectual Property Rights in Context to Industry 4.0

Theme: Digital revolution and Industry 4.0. inventions, How is the digital revolution changing the role of patents in protecting innovations?

LAUNCHING OF NEXTGEN - AN ONLINE EXPERIENTIAL PROGRAM



SSIP Cell at ASHINE-TBI, SVNIT in collaboration with Wadhvani NEN i.e. 'NextGen' which is an online experiential program providing skills, tools, and knowledge to transform ideas of the youth into real ventures and enable them to become successful entrepreneurs.

NEN's NextGen Programs offers two 'no-cost' entrepreneurship courses specifically designed for two types of audience

ACTIVATE: To enable students in the early years of their graduate program to build upon their idea from scratch.

IGNITE: To enable professionals and students in later years of their graduate program to take their ideas to early revenue real ventures

Program details:

- Ten-week duration with 8 hours/week of engagement for each program
- Minimum team size of two for both programs

Benefits:

- A certification from a global jury of distinguished entrepreneurs and entrepreneurial educators
- Expert WF Faculty providing focused mentoring; no need for a dedicated/evangelist faculty from the institute
- High-impact entrepreneurs with validated, scalable ventures

An online session held on NEN's 'NextGen' offerings on 17 June 2021 (Thursday), 4:00 pm – 4:30 pm. A total of 37 participants consisting of incubated startups, student associates, and student startup enthusiasts have enrolled for these courses.

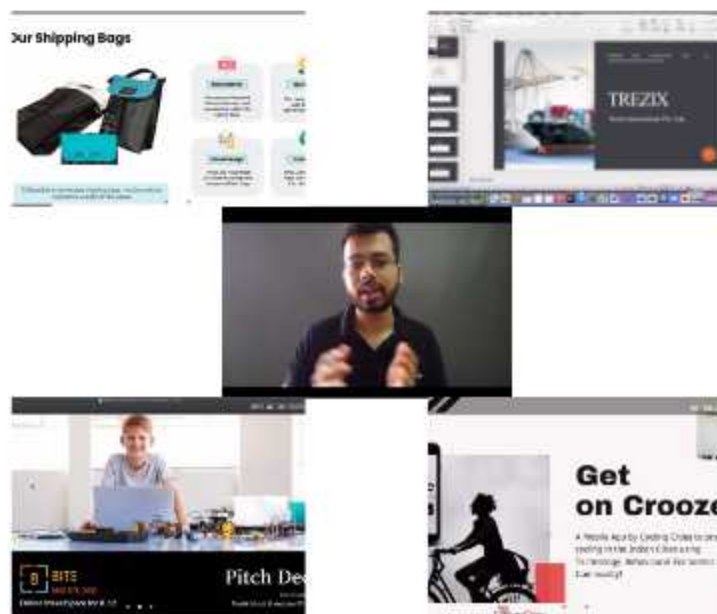
INTERACTIVE SESSION WITH IAN (INDIAN ANGEL NETWORK)

An interactive session arranged on June 11, 2021 with IAN (Indian Angel Network), where 6 startups pitched their ideas with them. The object of this session was to connect startups with Indian Angel Network and to provide angel funding support to them.

About IAN:

- Indian Angel Network (www.indianangelnetwork.com) is India's first and now the world's largest Angel Investor Group with 450 Investors, from across the country and some from overseas.
- IAN's operations are spread across 6 cities in India with regular pitch sessions.
- IAN has a portfolio of over 135 companies invested across multiple geographies (7 countries) and multiple sectors (17 sectors).
- IAN has now launched a uniquely differentiated VC Fund of Rs 375 crore that brings several successful entrepreneurs, industry leads, and investors together.

The jury panel were interested in some of the startups ideas and asked them to submit pitch presentation for further screening.



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SELECTION PROCESS

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APPLICATIONS RECEIVED

35 Applications have been received under Energise 3.0. Startup Support Program from all across India. The shortlisted applications will be sent to the Industries Commissionerate, Government of Gujarat for further screening..



Case Study Challenge organized by the students of S.V. National Institute of Technology, Surat, for undergraduate students presents across the nation along with SSIP cell of ASHINE-SVNIT as an ecosystem partner. The challenge motivates some of the best minds of India to solve a real-life business problem. The participating teams start designing the solution as soon as the problem statement is released. The teams proposing the most effective solutions get rewarded with prizes worth INR 15,000+ and endless other opportunities for networking and presenting their ideas in front of industry leaders. Participation certificates were given to all the participants reaching the second round.

ELIGIBILITY

Undergraduate college students from all across the nation were eligible to participate in the event.

DETAILS OF BENEFICIARY

The event was organized virtually. After getting 500 registrations from 284 different teams all around the nation, the best 62 teams were shortlisted for the second round, subsequently the best 12 teams were selected for the final round.

Round 1: General Quiz (Date: 23th June)

A general quiz was conducted online for the registered participants and selected teams were advance to the next round.

Round 2: Case Submission (Date: 26th June)

All the shortlisted teams were building strategies on the case study provided and submitting its 3-slide presentation. Selected top teams to make a detailed presentation and present it in the National Finale of StrategiX.

Round 3: National Finale: StrategiX (Date: 3rd July)

The finalists presented their case solutions to the esteemed judges of StrategiX. The teams were asked to present a detailed solution of a minimum of 10 slides. A session of 15 minutes was given to each team to present their solution followed by 5-10 minutes of Q&A. National winners and runner-ups were selected based on the scores given by judges.

WINNERS OF THE EVENT

1. Team Elan Dusk - BITS Pilani and IIT Dharwad
2. Team Don't Expect A Win Here - SSCBS, Delhi University (DU)
3. Team Astar - Shri Ram College of Commerce (SRCC), Delhi University (DU)



CARESY



Caresy is a holistic parenting app that fulfills everyday parenting needs. Through our App, we assist in the digital tracking of baby's day-to-day activities and milestones. We also aim to integrate medical experts, childcare experts, day-care centers, baby stores, and various other baby businesses by using technology.

Smart Charging solutions provide smart charging solutions for all types of EVs. Their pick-and-go service will save time for charging the vehicles so you can explore the world without worrying about charging ! Also, their efficient charging stations will power up your vehicle in less time.

SMART CHARGING SOLUTIONS



COLLAB-GRAM



Collab Gram aspires to create a digital pathway that can scale commercially viable opportunities in rural India by connecting budding businesses to one another and enabling them to function as strong and competent organizations. Empowered with synergistic partnerships, an e-commerce platform that enables access to larger markets, and a social media platform that can incorporate comprehensive development, they can tap into the enormous potential residing within the rural niches of India.

Purair provides the finest Air purification solution for residential and workspaces through a new type of ceiling fan that not only provides a cooling effect but also purifies Air for particulate matter, dust, smoke, mites, VOC's and all other harmful pollutants. Their technology is way powerful, efficient, and silent than any other market variant.

PURAIR



MAYPOLE



Maypole has developed a WiFi base Pendrive. People can upload or download data from their mobile phones wherever or wherever.

UpLive is the one-stop solution for all the accommodation needs of students and working professionals, now made convenient & accessible like never before. UpLive lets you discover available listings, explore 3D models, take virtual tours, and provides a seamless onboarding experience. Once you've made up your mind to UpLive, you can go around your day, exactly how you want to, leaving all the mundane tasks up to us - meals, cleaning, maintenance, laundry, and anything else that you can need can all be now managed straight from your smartphone, as you get the best-in-class hygiene, security, wi-fi service and customer support at UpLive stays. The customer can choose from our tailor-made plans that best suit them and have add-ons that they might need down the road. All the while they can spend their time and energy where they really have to.

UPLIVE



AIR FEBRUS TECHNOLOGIES



Air februs technologies provide environmentally friendly and sustainable solutions to reduce air pollution and improve the health of mankind. The Startup team has expertise in the design and manufacturing of airbags for industry bag houses to reduce air emissions from chimneys. Air februs technologies also provide air purification systems for commercial buildings, institutions, and public areas.

HERBAL PLUS HYGIENE



Herbal Plus hygiene work towards the development of natural products. Nowadays, UTI (Urine Tract Infection) is a big issue for women and causes several health issues. Extraction from herbal plants such as seeds, leaf, and bark of neem will be used for the disinfection of those bacteria which causes UTI. The Different concentrations of samples will be prepare without the addition of any chemicals but additional herbal for fragrance purposes. The main motive of this start-up is to prepare a chemically free product that can be used in sanitation and other purposes.

MN Sustainable Energy is developing the IIS (INGENIOUS IRRIGATION SYSTEM) which is IoT-based automation, powered by an AI-powered water management solution to revolutionize water network systems in agriculture. IIS is a combination of Advance IoT, AI, and ML technologies. It is designed for high precise farming to increase the wealth of farmers. IIS takes a multifaceted approach by monitoring Soil conditions i.e. Monitoring Soil Moisture, Soil Temperature, Monitoring Soil nutrients like NPK, etc., Weather conditions, and Water and Nutrients used by Crop to determine requirements Water and Nutrients for Ingenious Irrigation and Fertigation. It can be used in Drip irrigation. The system Automatic determines Start and Stop of irrigation with fertigation without human intervention for a particular area of the Farm.

MN SUSTAINABLE ENERGY PVT. LTD.



KRSNA-A CLEANLINESS DRIVE



Krsna-A Cleanliness Drive serves as a platform where users can request a pickup of waste via our Android/web application around them and get it cleaned up.

LEGAL INTELLIGENCE



Legal Intelligence

Legal Research Meets the Artificial Intelligence

Legal Intelligence is a LegalTech Firm that aims to integrate the Legal domain and Artificial Intelligence (AI) to empower the Legal community with state-of-the-art technologies for efficient, versatile, and advanced Legal research. A team of experienced researchers conceptualized Legal Intelligence to enhance Legal professionals' efficacy and productivity by reducing laborious efforts for Legal research. Our team is highly qualified and practicing advanced AI and Deep Learning technologies in Legal Informatics. Presently, we are developing a Web/Mobile/Dongle based intelligent Legal search engine and Recommendation system to identify and recommend the most relevant Legal documents based on the query/keywords/free text/document given by the litigants and professionals like advocates, judges, law students and other related users aiming with a real-time response.

ACE Charge will provide the solution for DC fast Charging stations with global standards (CCS and CHAdeMO) for wide range of electric vehicles, starting from lite EVs to large Commercial EVs, through Innovation and technology. They will manufacture DC fast chargers from 20kW to 300kW and provide a complete solution (Manufacturing, Installation, Service, Maintenance, Smart Billing) for EV charging stations, with vehicle-to-grid capability.

ACE CHARGE



HOLA PEEPS



Hola Peeps is a Community-based Voice-Only Social Network for real-time spontaneous communication. You can have worthwhile discussions in various public HolaClubs and send requests to people you like, to add them to your network. Or just have casual conversations with your friends.



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

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