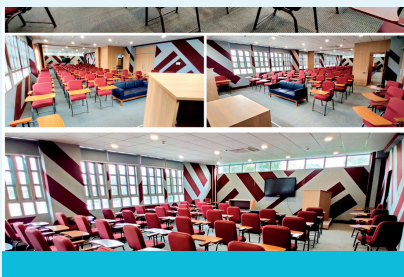


Newsletter

www.ashine.in



ASSOCIATION FOR HARNESSING INNOVATION AND ENTREPRENEURSHIP

Association for Harnessing Innovation and Entrepreneurship (ASHINE) is a Section-8, Not-for-Profit company with 20,000 sq. ft. Technology Business Incubator (TBI) is located at the heart of Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat spread across 250 acres of lush green campus having all the modern educational and recreational facilities for students, innovators, and startups. With an infrastructure that can support 30 tech and non-tech startups and 200 startup enthusiasts from across the nation.

SUPPORTED BY



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



Industries Commissionerate
Government of Gujarat



EXPERT TALK & WORKSHOP ON DESIGN THINKING AND AFFORDABLE INNOVATION



ASHINE * RIAC * CP
invites you for an expert session on
DESIGN THINKING AND AFFORDABLE INNOVATION



EXPERT SPEAKER
DR. PRANAB K. DAN
ASSOCIATE PROFESSOR
IIT KHARAGPUR

Participants will receive certificates. Registration mandatory.

DATE: 11 & 12 APRIL
TIME: 06:00 PM TO 07:30 PM
VENUE: 2ND FLOOR, SEMINAR HALL, ASHINE, SVNIT, SURAT

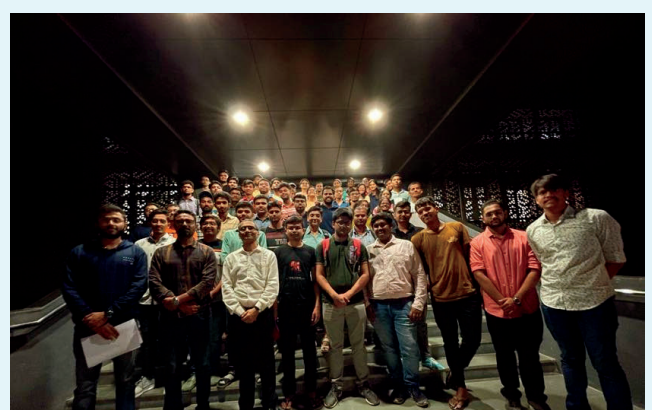


ASHINE.IN
RAGHAV KHANDLWAL - 7500835846
PRANJAL BHUSHAN - 9460561924

ASHINE, in association with students' group, have organized the Expert talk and a workshop on Design Thinking and Affordable Innovation by Dr. Pranab K. Dan, Associate Professor, IIT Kharagpur on 11th & 12th April, 2022.

On the day 1, the expert gave a talk on Design thinking, how design thinking was introduced and how product should be frugal engineered to give a feasible, reliable and economical product. On the day 2, participants were given the task to come up with a product after design thinking on a problem and pitch their product in 4 minutes. MacWorld, Viral trial, X-vision are the name of the few teams who pitched their idea.

They were a hands-on session in which students asked the speaker questions on entrepreneurship and starting a business. The program attracted a total of 134 students and startup enthusiasts.



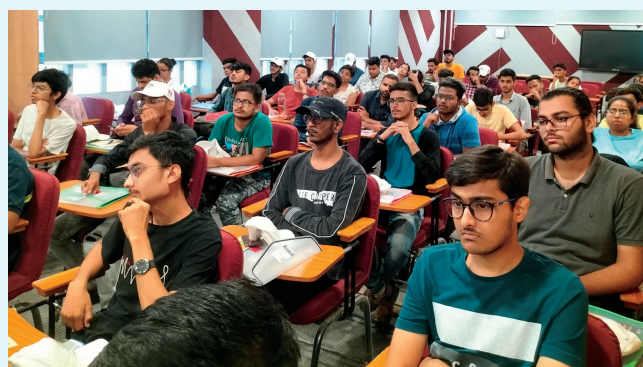
INTERACTIVE SEMINAR ON INNOVATION IN GREEN ENERGY



ASHINE, in association with students' group, have organized an interactive seminar on 26th April, 2022 on Innovation in Green Energy by Mr. Jayant kumar Golash, Chief General Manager (Head Maintenance), ONGC, Hazira, Surat as a part of SAKSHAM- 2022 celebrations under the guidance of the Ministry of Petroleum and Natural Gas.

The expert gave a talk on the benefits of clean and alternate fuels and renewable energy in industry, transport, households, farming etc. and how innovation in green energy can affect societal transformation.

The session was attended by a delegation from ONGC, Hazira facilities (Mr. Balraj Kumar Kotta, Chief General Manager & In Charge-Energy; Mr. Ajay Kumar Singh, Chief General Manager & In Charge-Mechanical, Mr. D.K.Sundli, General Manager & In Charge-Process and Instrumentation and Mr. S.K.Suman, Deputy General Manager-Electrical), Dr. P.L Patel (Dy. Director-SVNIT), Dr. Ravikant (Dean-Student Welfare-SVNIT), Mr. Darshan Mehta (Incubation Manager-ASHINE) along with students of SVNIT. Total 110 students registered for this event and solved their queries related to oil and gas conservation and innovation in green and clean energy.



OPEN HOUSE



ASHINE

OPEN HOUSE

A SESSION TO EXPLORE MANY THINGS AT ONCE

01

Introduction of
ASHINE

02

Interaction with
Startups at
ASHINE

03

One to One
Mentoring Session
with your Startup
Idea

Date: 16.05.2022 (Monday)
Time: 11.30 AM Onwards
Venue: Seminar Hall, 2nd Floor, ASHINE, SVNIT
Registration: <https://forms.gle/Vm75gFnbQigHhAvL9>

MORE INFO
99790 62555
www.ashine.in





ASHINE hosted an 'Open House' event on 16th May, 2022 to provide information about ASHINE and its numerous activities and benefits for students, start-ups, and entrepreneurs at ASHINE, engagement with startups and one-on-one mentorship sessions with students with start-up ideas.

Mr. Darshan Mehta (Incubation Manager-ASHINE) gave an overview of ASHINE in the first session.

Mr. Sunny Kabrawala and Mr. Praveen Shankar, founders of Star and ACE Charge respectively, spoke with students in the second session and discussed their start-up journey, clearing misconceptions about startup and entrepreneurship.

Students with start-up concepts were guided with one-on-one mentoring in the third session. There were 54 students who enrolled for this event, and 23 of them received one-on-one mentorship at ASHINE



WORKSHOP ON SUCCESS SKILLS FOR STARTUP FOUNDERS

On the 26th of June 2022, ASHINE hosted a workshop on Success Skills for Startup Founders by Ms. Nisha Anand, Founder of BCM Academy and Performance Coach. Nisha is an award-winning leader, performance coach, and entrepreneur with 15+ years of experience in leading corporations, government associations, media, and start-ups in India. She conducts effective workshops for employees, students, entrepreneurs, and professionals in order to help them reach their goals. Indian Quality Assurance Council, Indian Society of Training & Development (ISTD), Ministry of Skill Development & Entrepreneurship, IRMA, Zee 24, Business World, NewsX, British Council, Hon Member of Parliament, SGCCI, SheThePower, LUGI International, Lions International, WHO recognized CMC Vellore, and many other organizations have recognized her work.

Nisha spoke about the abilities that business founders need, such as communication, collaboration, critical thinking, and creativity, throughout the workshop. It was an interactive workshop with hands-on exercises and learning opportunities.

A total of 60 students, start-up founders & Start-up enthusiasts registered in the program.



WORKSHOP ON SUCCESS SKILLS FOR STARTUP FOUNDERS



ANNOUNCEMENT



Prof. (Dr.) Anupam Shukla (Director, SVNIT, Surat) has been appointed to the board of directors of ASHINE.

Prof. (Dr.) Anupam Shukla was the Director of the Indian Institute of Information Technology in Pune before joining SVNIT, Surat. He is a Professor at the ABV-Indian Institute of Information Technology and Management (ABV-IIITM), Gwalior, and a visiting faculty member at the Indian Institute of Management (IIM), Rohtak. He has 31 years of experience in administration, research, and teaching. He is internationally renowned for his artificial intelligence research, which has earned him numerous academic honors and resulted in collaborations with academics from all over the world. He is the author of four books published by international publishers such as CRC Press, USA & Springer-Verlag, Berlin, the editor of four books published by IGI Global Press in the United States, and the mentor of 123 doctorate and postgraduate theses. He has successfully completed 13 government-sponsored projects totaling Rs. 10 crores, with the goal of developing IT applications for Indian farmers, youth skills, infrastructure at parent institutes, and so on. He is currently a nominated expert member of the National Board of Accreditation, Government of India, and a member of the Project Review & Steering Group (PRSG) at DIET in New Delhi. He served on the Board of Governors of ABV-IIITM in Gwalior. He was the founding Head of the Departments of Biomedical Engineering and Computer Science and Engineering at NIT Raipur, as well as the founding coordinator of the Chhattisgarh-IIT Kanpur Knowledge Sharing Program, a first-of-its-kind e-learning programme in India.

His background in academics, research, and administration, as well as his proven ability to spot opportunities, form global partnerships, lead initiatives, and be an expert in artificial intelligence, will allow ASHINE to build on its past successes and secure the Consortium's future success.

Prof. (Dr.) R. V. Rao, the former director of ASHINE, should also be thanked for his dedication and invaluable support in allowing ASHINE to realise its full potential.

STARTUP DEMO DAY



GET A CHANCE TO AVAIL FUNDING UPTO 15CR

STARTUP DEMO DAY

For all the Tech Entrepreneurs, GVFL Limited has recently launched its new fund and is actively looking to invest in Gujarat-based Startups that are currently at Pre-Series A or Series-A Level.

MONDAY, 18 JULY, 2022
10.00 am onwards

LAST DATE TO APPLY: 15 JULY, 2022

REGISTER NOW <https://bit.ly/suratdemoday>

Shortlisted Startups will be invited to pitch their idea at

Venue
Executive Conference Room, 1st Floor,
ASHINE, SVNIT

More Information
9979062555
www.ashine.in



On Monday, July 18, 2022, GVFL, in association with ASHINE and Surat SaaSBooMi, hosted a Demo Day with funding opportunities of up to 15 Cr at ASHINE. GVFL had launched a new fund for Tech Entrepreneurs and was actively seeking to invest in Pre-Series A or Series-A Startups based in Gujarat.

The purpose of the event was to inspire and connect young entrepreneurs and startups in the state of Gujarat with mentors, investors, and other stakeholders.

There was a total of 56 Startups that registered for the event, with 13 shortlisted startups to present at ASHINE.

At the event, investors/mentors provided startups with insightful advice. Mentoring support, networking opportunities, and the direct interaction between startups and investors are the highlights of the event. Further, shortlisted startups will be invited to GVFL for the second round of presentations and discussions.



STARTUP DEMO DAY



AAKRUTI-2022 (PRODUCT DESIGN CONTEST)

AAKRUTI 2022

In association with Solidworks & Engineering Technique

AAKRUTI is a nationwide product design contest for engineering, design and technology students in India run by Dassault Systèmes. AAKRUTI gives the opportunity to students from all over India to come up with really innovative solutions to not only provide answers to longstanding problems but also for addressing the challenges of tomorrow – both technological and social.

Good Health & Well-Being

Affordable & Clean Energy

Sustainable Cities & Communities

Responsible Consumption & Production

Life Below Water

PARTICIPATE AND WIN EXCITING PRIZES

Cash Prizes up to ₹ 3 Lakh

Solidworks CDPW & CSWP vouchers

1 Year FREE Subscription of SOLIDWORKS Student license

Job Opportunity at Dassault Systèmes India

College Trophy to the maximum number of teams participated from a college

Top '100' team will get a special prize

LAST DATE TO APPLY: 15 JULY, 2022

REGISTER NOW

More Information

9978062555

<https://forms.gle/shRGzraeD3csxZ8F9>

www.ashine.in

AAKRUTI is a nationwide product design contest for engineering, design, and technology students in India run by Dassault Systèmes. AAKRUTI gives the opportunity to students from all over India to come up with really innovative solutions to not only provide answers to longstanding problems but also for addressing the challenges of tomorrow – both technological and social. The contest was having the following themes.

- 1) Good Health & Well Being
- 2) Affordable and Clean Energy
- 3) Sustainable Cities
- 4) Responsible Consumption & Production
- 5) Life Below Water

Through the ASHINE, a total of 69 students from various colleges contributed their creative ideas toward the UN Sustainable Development Goals.

A SESSION ON IMPORTANCE OF PREDICTIVE ANALYSIS IN NEW PRODUCT DEVELOPMENT

SESSION ON IMPORTANCE OF PREDICTIVE ANALYSIS IN NEW PRODUCT DEVELOPMENT

Predicting product performance is crucial when creating the prototype. For designers and design engineers, simulation offers a scalable collection of structural analysis methods so they may effectively evaluate the performance of a product with full and scalable capabilities.

SATURDAY, 23 JULY, 2022

11:00 AM - 12:30 PM

REGISTER NOW

<https://forms.gle/JFv6Z2Q8pVNuTdm9>

Venue: Seminar Hall, 2nd Floor, ASHINE, SVNIT

More Information

9978062555

www.ashine.in

Mr. Gaurav Harane, Application engineer at Engineering Technique, presented a session titled "Importance of predictive analysis in new product development" on the 23rd of July, 2022, at ASHINE. During the seminar, he discussed simulation and the significance of anticipating product performance when developing a prototype. During the presentation, he also showcased 3DEXPERIENCE® WORKS Simulation portfolio from Dassault Systèmes' SIMULIA brand, which enables Designers and Design Engineers to execute efficient product performance assessments for different domains during the design phase. The straightforward and robust solution enables them to evaluate and compare design alternatives for superior performance, dependability, and safety. Total of 56 students, start-up founders & Start-up enthusiasts registered for the session.

A WEBINAR ON UNLOCKING THE POTENTIAL OF PARTNERSHIPS



ASHINE

**WEBINAR ON
UNLOCKING THE POTENTIAL
OF PARTNERSHIPS**

Any idea involves numerous stakeholders at various levels during its life cycle, from conception to significant success. It's vital to choose the ideal partner for your entrepreneurial journey.

THURSDAY, 04 AUGUST, 2022
02.00 PM - 03.00 PM

REGISTER NOW

<https://forms.gle/reuZauCDwizRfY7>

Mode: Virtual
The joining link will be sent to registered participants via Calendar invite 3 hours prior to the event.

More information
9979062555
www.ashine.in

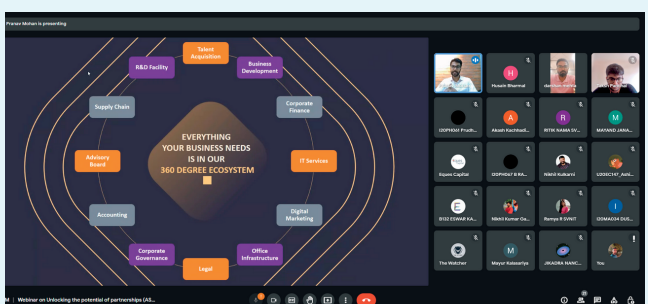
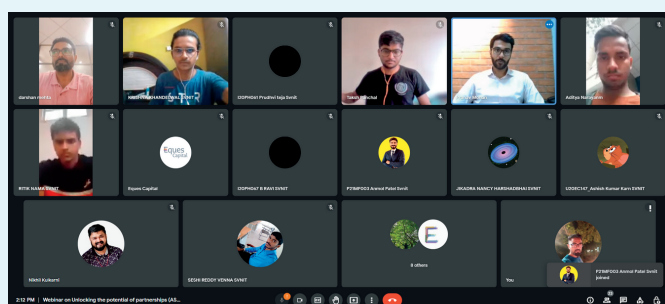
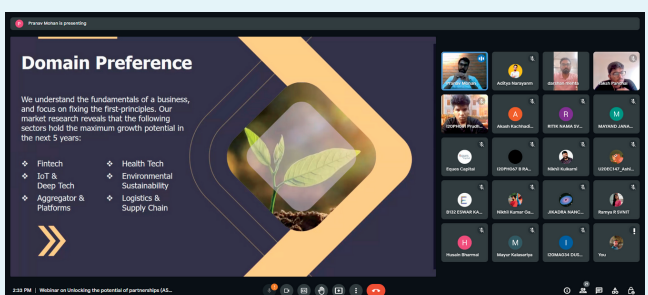
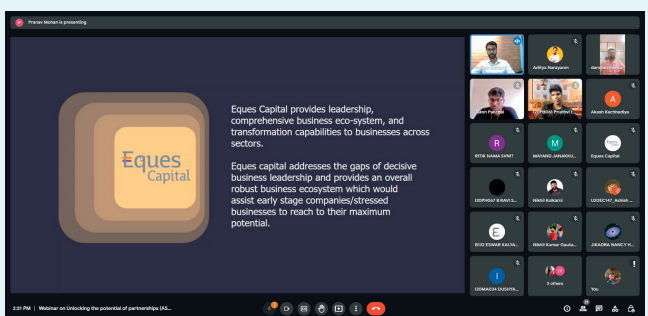
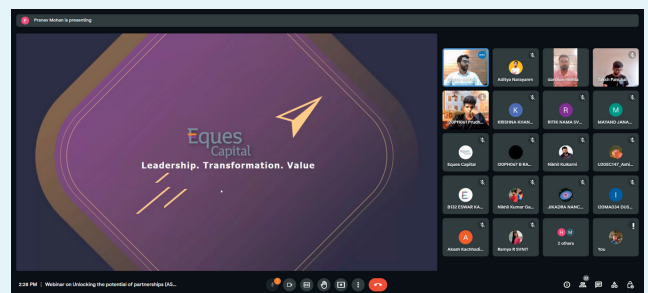
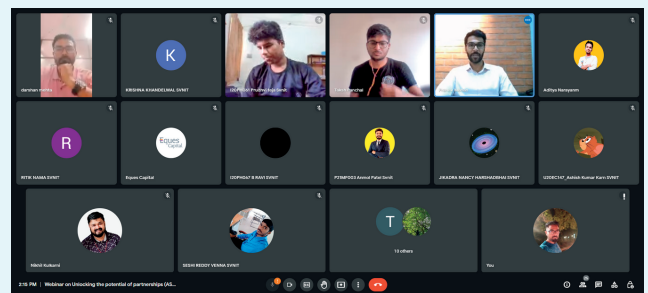
PRANAV MOHAN
AVP - Business Strategy & Transformation
Eques Capital

SSIP **StartUp** **75 Azadi Ka Amrit Mahotsav**

NIDHI - TBI under NSDEB, DST, Government of India
Industries Commissionerate

ASHINE organized a webinar on "Unlocking the Potential of Partnerships" on August 4, 2022. The webinar was led by Mr. Pranav Mohan, AVP-Business Strategy & Transformation at Eques Capital, who also holds an MBA from the Indian Institute of Management in Ahmedabad and a BE(Hons.) from the University of Manchester in the United Kingdom. During the webinar, Pranav discussed how any idea, from the time it is conceived until it achieves a level of considerable success, involves a large number of stakeholders operating on a variety of levels. It is essential to find the right business partner for the path into entrepreneurship. In addition to that, he discussed how to locate the most suitable business partner for the startup. The webinar offered opportunities for learning and was interactive. At the conclusion of the session, the attendees worked with the speaker to resolve their questions.

Total of 85 students, start-up founders & Start-up enthusiast registered for the session.



STUDENT ASSOCIATESHIP PROGRAM 2022



ASHINE

STUDENT ASSOCIATESHIP PROGRAM 2022

Make Your Application Count!

BENEFITS

- + On satisfactory performance, the Student Associates will be awarded a Certificate from ASHINE at the end of the program.
- + Networking opportunities with Startups, Mentors, Investors, Industries, Experts, etc.
- + Learning opportunity for many aspects that are taken into account in the industries.
- + Gain experience handling the many tasks that the Incubator is performing.
- + Learning opportunity to investigate New Trends Set Up Around the World.

REGISTER <https://forms.gle/uGHWqjZD5EpyMgpi9>

More Information
9979062555

Based on the tenet "Of the Students, For the Students, By the Students," the Student Associateship Program-2022 was created. It is a one-year program that is offered to all S. V. National Institute of Technology students in all departments. Public relations, event management, content writing and documentation, outreach and administration of social media, video making and photography, graphic design, entrepreneurship & start-up ecosystem development, and IT development are the eight main areas to focus on. According to their areas of interest, students choose a variety of topics. It is a continuous program that participants utilized to keep themselves busy and sharpen their talents. The participants go through a variety of sessions, including ones on knowledge development, personality development, skill enhancement, etc. In terms of teamwork, effectiveness, and the viability of initiatives in the real world, the participants are learning a lot. 77 students and startup enthusiasts in total took part in the program.

Student Associates will be awarded a Certificate from ASHINE at the conclusion of the program based on their performance. The Students Associates will get a chance to network with startups, mentors, investors, industry experts, etc. Learning opportunities for a variety of industry-relevant considerations. Gain experience managing the several tasks performed by the Incubator. An opportunity to investigate newly established global trends.

FIRESIDE CHAT - RAISING YOUR FIRST CHEQUE



HEADSTART® | IVY Growth Associates | ASHINE

STARTUP SATURDAY | SURAT

FireSide Chat: Raising your First Cheque

Followed by networking with fellow founders and ecosystem partners

WITH  WITH 

Yogesh Kabra
Founder, XYXX Apparel

Vishal Virani
Co-Founder & CEO, DhiWise

13 AUG 2022
5:00 PM

Venue - Seminar Hall, 2nd Floor,
ASHINE, SVNIT, Surat

Register Now:
bit.ly/hs_surat22 or

Raising Your First Check at FireSide Chat was hosted by ASHINE and Headstart.

With a presence in more than 30 locations and 200+ meetups every year across India, Headstart Network is the largest volunteer-driven grass-roots organization fostering entrepreneurship and startups and has a positive influence on over 20k lives. This event's goal is to give attendees knowledge about the full range of options for raising their initial investment rounds and how to make seed funding a stepping stone for future growth and a chance to network with established businesspeople.

Mr. Yogesh Kabra, founder of XYXX Apparel, and Mr. Vishal Virani, co-founder, and CEO of DhiWise, were invited speakers at the event and discussed their start-up experiences with the attendees. 92 participants in total, including startup entrepreneurs and enthusiasts, took part in the program.



FIRESIDE CHAT - RAISING YOUR FIRST CHEQUE



ORIENTATION WORKSHOPS FOR SAP-2022

ASHINE organized the three-day sessions for the SAP-2022 Students Associates. The sessions were conducted by Mr. Darshan Mehta (Incubation Manager-ASHINE). These sessions' agenda items were as follows:

- 1) To provide details about ASHINE
- 2) To impart expertise on how to advance from the startup's Ideation stage to its Growth stage.
- 3) To become familiar with the other Associates
- 4) Suggesting a representative for each group
- 5) To share details about upcoming events at ASHINE
- 6) To understand the purpose of each group
- 7) To design future efforts to promote an entrepreneurial culture at SVNIT.

Over the course of three days, 55 Students Associates attended the session.



INTERACT WITH SHRI RAJEEV CHANDRASHEKHAR, HON'BLE MINISTER OF STATE FOR SKILL DEVELOPMENT AND ENTREPRENEURSHIP AND ELECTRONICS & IT, GOVERNMENT OF INDIA

Shri Rajeev Chandrasekhar, Hon'ble Minister of State for Skill Development and Entrepreneurship, Government of India, visited Sardar Vallabhbhai National Institute of Technology, Surat on 26th August 2022. The visit had been organized by The Education Department, Government of Gujarat. During the second day of his visit, Hon. Minister visited ASHINE-SVNIT at around 3 pm. He interacted with 12 start-ups that displayed their innovation, which was appreciated by the Minister for their efforts. He had also a discussion with faculties and inspired them for working in the area of semiconductors at ASHINE Conference room. At the Institute guest house, Director of the Institute welcomed the Hon'ble Minister and Shri M Nagarajan, IAS, Commissioner Higher Education, and other dignitaries including the students present over there. The Hon'ble Minister and Shri M Nagarajan addressed more than 300 students of the Institute through their motivational speeches. The Hon'ble Minister said that Gujarat's Digital India initiatives can play a big role in supporting its traditional industries like diamonds, textiles, and pharmaceuticals. He praised Gujarat for being a pioneer in taking forward Prime Minister Narendra Modi's idea of a New India, Mr. Chandrasekhar said, "If India is going to be a Semiconductor nation for the world, Gujarat would be the first state in the country to come up with a Semiconductor policy of its own and will be a Semiconductor State. At the conclusion of the event, Dr. A. A. Shaikh (Professor in Charge, Research Park, SVNIT) offered a vote of thanks.



INTERACT WITH SHRI RAJEEV CHANDRASHEKHAR, HON'BLE MINISTER OF STATE FOR SKILL DEVELOPMENT AND ENTREPRENEURSHIP AND ELECTRONICS & IT, GOVERNMENT OF INDIA



INTERACT WITH SHRI RAJEEV CHANDRASHEKHAR, HON'BLE MINISTER OF STATE FOR SKILL DEVELOPMENT AND ENTREPRENEURSHIP AND ELECTRONICS & IT, GOVERNMENT OF INDIA



PEDAGOGY INTERACT: CAPACITY DEVELOPMENT WORKSHOP FOR WOMEN-LED START UP

Pedagogy Interact serves as an interactive platform for cross-collaboration among eminent Academic Universities/Institutes in developing an effective and innovation-focused entrepreneurial ecosystem in the South Gujarat region.

On September 13th, 2022, the team of ASHINE NIDHI-TBI, SVNIT - Surat conducted a sensitization session for the startup enthusiasts and students of Vanita Vishram Women's University under Pedagogy Interact. The workshop was jointly organized in collaboration with District Industries Centre, Surat & Start-up Cell, Gandhinagar - Government of Gujarat.

Darshan Mehta (Incubation Manager-ASHINE) represented ASHINE-SVNIT at the workshop and spoke about the role of an incubator in the entrepreneurial journey, how ASHINE can help students' startups and innovators through its various initiatives, and how the State Government and Central Government can help startups/innovators through various funding and incentive schemes. He also discussed the facilities and government funding schemes available at ASHINE, as well as how students can take advantage of them. A total of 54 students & Start-up enthusiasts participated in the session.



A TALK ON SPACE RESEARCH AND INCUBATION OPPORTUNITIES FOR ACADEMIA BY SHRI. NILESH DESAI, DISTINGUISHED SCIENTIST, DIRECTOR - SPACE APPLICATION CENTER (SAC/ISRO), AHMEDABAD

Shri. Nilesh Desai, Distinguished Scientist, Director - Space Application Center (SAC/ISRO), Ahmedabad, visited ASHINE-SVNIT for the talk on Space Research and Incubation Opportunities for Academia on 14th September 2022.

Prior to his talk, Shri. Nilesh Desai and his team interacted with startups and SVNIT faculty. During the session, he spoke about the history of ISRO, ISRO's prime objective and organization structure, technologies developed by ISRO and how these technologies aided India during natural disasters and for the country's development. He also discussed ISRO's collaboration with other international space agencies, as well as their future plans. He also discussed which areas of space technology startups and researchers should focus on, as well as the opportunities and future scope available in the space domain. Students and faculty members asked questions and got their doubts answered at the session's conclusion. A total of 138 people attended the session, including startups, students, and faculty members.



EUREKA: A PITCHING COMPETITION

Eureka is a Pitching competition that was organized by ASHINE in collaboration with RIAC-SVNIT & E-Cell IIT Bombay. Student participants registered their business ideas and were invited to pitch their ideas in front of invited judges. Mr. Nirav Dhanani (Founder-Heaven Solar), Mr. Nachiket Patel (Founder-Logicwind), and Mr. Ujas Khunt (Founder-Cosmo Chemistry) were invited as a judge of the event. A total of 84 students from 28 teams presented their startup ideas at the event.

The event began with the introduction of Eureka and IIT Bombay's E cell. This was followed by the judges' introductions and the presentation of mementos to the judges. Participants were given time slots in which to present their ideas. All of the participants brought unique ideas from various fields and were guided by the judges on how to correct their mistakes and move forward. It was also a very informative and learning session for the audience. The event tested participants' critical thinking and persuasion abilities while providing networking opportunities, incubation, funding, and mentorship.

Mr. Santosh Kakad's Smart Battery Management system concept was declared the event's winner. The winner of the business model-making competition was given one on one mentoring with 4 different mentors for further refining of their idea and with an opportunity to get prizes worth up to INR 1 Cr. Shortlisted ideas were also mentored and encouraged to participate in Eureka by ASHINE.



EUREKA: A PITCHING COMPETITION



FACILITIES AT ASHINE



Computerized Universal Testing Machine

Computerized Universal Testing Machine is now available at ASHINE as a prototype development facility with the following specifications & features.

SPECIFICATIONS

Load capacity: 10000Kg (100KN)

No. of load cell: One

Cross Travel: up to 1150 mm

Horizontal Clearance between columns: 575mm

Speed variable: between 0.005 mm/minute to 500mm/minute through Ball Screw

Power: 230 volts, 50Hz. Single phase

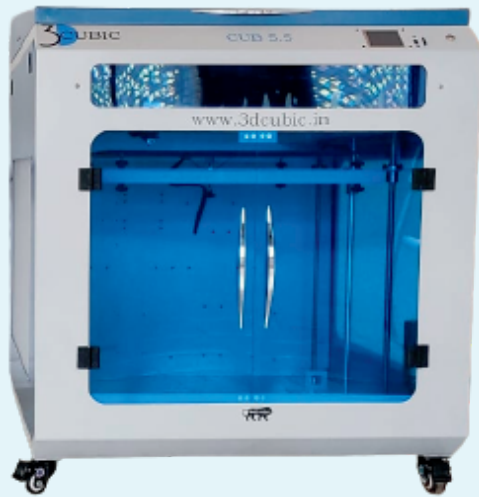
Software: A user-friendly software for controlling the machine and conducting all kinds of tests (tensile, compression, flexural, etc.) as per relevant international test standards.

Test Result Displayed in the form of Yield Strength, Ultimate Tensile Strength, Modulus of Elasticity, Upper Yield Strength, Lower Yield strength, Non- proportional elongation, 0.2% elongation, % Plastic Elongation, total elongation at rupture, Stress-Strain Diagram, Load-elongation diagram, elongation to rupture, creep/Relaxation, etc.

OTHER

- Results are displayed on Touch Screen as well as on the PC.
- Highly accurate position control with a high range of Speed.
- Automatic calculation of results Selectable.
- Have multi-display in Kg. pound, Newton mm, cm, inch selectable.
- Safety norms of overload in auto/ manual mode.
- Data lock for calibration.
- Suitable for checking all types of material as per requirement.

FACILITIES AT ASHINE



FDM 3D PRINTER

FDM 3D printer is now available at ASHINE as a prototype development facility with the following specifications & features.

SPECIFICATIONS

Technology: FDM/FFF, Dual And Single Nozzle System
Layer Resolution: Minimum 0.08 micron(0.60 To 800) +/-0.1 mm
Print Temperature: 30 To 360 Degree Celsius
Bed Temperature: 30 To 145 Degree Celsius
Max print size: 550 * 550 * 550 mm
Materials: PLA, ABS, Composite, Nylon, Carbon Fiber Flexible, PCTPE. PVA, TPU, HIPS, PETG, P.C ,WOOD etc,
Filament Diameter: 1.75 mm
Power Failure Protection Interface: Touch screen
Connectivity: SD Card, USB, speed 40-120mm
Nozzle diameter: 0.3, 0.4, 0.5, 0.6, 0.8 mm
Software compatibility: Mac, Windows & Linux OS
File type: STL, OBJ, G-Code

FEATURES

THK Linear Rail-Guide For High Layer Resolution X - Y-Axis: 11 Micron
Aluminum Extruder For High Accuracy
Touch Screen Display For Better Performance
Power Failure Protection & Filament sensor
Temperature Control Heating Bed
Ball Screw For High Z- Axis Resolution 0.5 Microns
On-Board Reset Switch To Easy Control
Powder Coated Metal Body Structure
Harden Shaft
Heated Glass Build Plate
Powder coated sheet metal body

FACILITIES AT ASHINE



CNC Vertical Machining Centre

A CNC Vertical Machining Centre is now available at ASHINE as a prototype development facility with the following specifications & features.

SPECIFICATIONS

CAPACITY

X-Axis Travel: 600 mm
Y-Axis Travel: 500 mm
Z-Axis Travel: 500 mm
Rapid Feed Rates: X/Y/Z Axis.24/24/24 m/min
Distance from Table to Spindle Face: 100-600 mm

TABLE

Table Size (Clamping Area) : 800X450 mm
No T-slots: 4
Max. safe load on Table: 400 Kg

MAIN SPINDLE

Spindle Speed: 8000 rpm
Taper: BT-40
Cutting Feed Rate: 1-10000 mm/min

AUTO TOOL CHANGER

Type: Twin Arm
No. of Tools: 20
Tool Selection: Random
Max. Tool Dia. (Pocket full/empty): 80/125 mm
Tool Length: 250 mm
Tool Weight: 7 Kg

ACCURACY (As Per JIS)

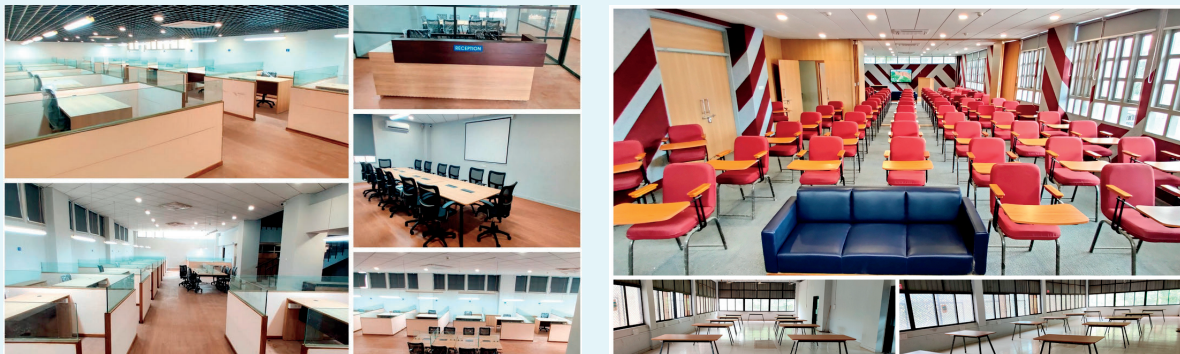
Positioning: 0.01 mm
Repeatability: 0.005 mm

CONTROL SYSTEM

Fanuc: Oi MF Plus

Contact Us

Reach out to us and begin your
Entrepreneurial journey with ASHINE



Address: Association for Harnessing Innovation and Entrepreneurship (ASHINE),
NIDHI - Technology Business Incubator (TBI),
S. V. National Institute of Technology (SVNIT), Surat, -395007
Email: ashine@svn.it.ac.in, ceo_ashine@svn.it.ac.in, incubation@svn.it.ac.in
Website: www.ashine.in
Phone: 99790 62555

FOLLOW US:

Facebook: <https://www.facebook.com/ashinesurat/>

Twitter: <https://twitter.com/ashineatsvnit>

LinkedIn: <https://www.linkedin.com/company/ashine>

Instagram: https://www.instagram.com/invites/contact/i=11052myp8fzjb&utm_content=jw70ayj

YouTube: <https://www.youtube.com/channel/UCZVyPH6senpN-ewBM78l-qw>