



ANNUAL REPORT 2020





**NATIONAL INSTITUTE OF TECHNOLOGY
SRINAGAR**

IIED CENTRE , NIT SRINAGAR

*“To provide impetus
to Innovative &
Entrepreneurial
ideas and create a
vibrant and
conducive start-up
culture
in and around the
institute
through well
conceived policy
interventions and
strategic
investments, in
order to create
multiple economic
hubs.”*

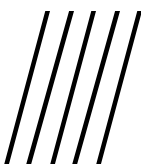
About IIEDC NIT Srinagar

“Inspire to Innovate”

IIEDC was established with the mandate to provide technical as well as financial assistance to the student's startups, idea generators, and casual grass-root innovators, Start-ups/ entrepreneurs.

The IIED Centre ever since it came into existence has with its constrained resources at disposal been pivotal in creating awareness around the need and significance of the three important aspects of Startup activities – innovation, incubation and entrepreneurship. However, the centre is committed to offer meaningful and impactful assistance to the Startup ecosystem of the Union Territory, especially valley.

The Incubation Centre established at the NIT Srinagar, shall be named as Greenovator. The term ‘Greenovator’ is a mix of two words, Green and Innovator exhibiting the work that would be taken up at the incubation Centre. The term ‘Green’ has to be seen in a broader perspective here and may not only mean the conventional green technologies as defined. ‘GreenTech’ for the purpose of ‘Greenovator’ has to have a wider definition to include all the three main segments being focused on.



DIRECTOR'S OFFICE

**Dr. (Prof.) Rakesh
Sehgal
Director
National Institute of
Technology, Srinagar**



The Centre in a very short span of time has not only created the right voice within the NIT campus, but also started actively engaging with other key entities like Jammu and Kashmir Entrepreneurship Development Institute, various universities, Technical Education Department of J&K and voluntary organizations/NGOs working to promote Startup culture in the valley.

Recognizing the impediments that are inhibiting the IIEDC to scale up as the main center of innovation, incubation and entrepreneurship in the valley, time and again, it has been felt that a state-of-the-art Incubation Centre is required to allow it to pursue its vision and mission. This IISP2020 document has been commissioned to prepare a comprehensive guideline for IIEDC and other stakeholders towards achieving the aim of setting up the Innovation and Startup.



HEAD

IIED Centre

Prof. Saad Parvez
National Institute Of
Technology Srinagar



The IIED Centre ever since it came into existence has with its constrained resources at disposal been pivotal in creating awareness around the need and significance of the three important aspects of Startup activities – innovation, incubation and entrepreneurship. However, the centre is committed to offer meaningful and impactful assistance to the Startup ecosystem of the Union Territory, especially valley. Recognizing the impediments that are inhibiting the IIEDC to scale up as the main centre of innovation, incubation and entrepreneurship in the valley, time and again, it has been felt that a state of the art Incubation Centre is required to allow it to pursue its vision and mission. This IISP2020 document has been commissioned to prepare a comprehensive guidelines for IIEDC and other stakeholders towards achieving the aim of setting up the Innovation and Startup hub that leap frogs the contribution of centre, hence NIT Srinagar, in the Startup arena of

Vision: To be a center of excellence Incubator, self-sustaining and create innovative eco-system to support sustainable regional economy driven by local startups and fuel the innovative mindset of students to help them be self-reliant.

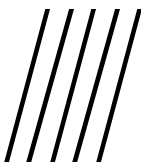
Mission: Become the pioneer in supporting Startup and innovation ecosystem in the region for developing ideas, with emphasis to green technologies (AgriTech, EnviroTech and AlterTech), and be among the leading incubators/innovation centres in India in these technologies.

INTRODUCTION



Innovation and Entrepreneurship must emerge as one of the focal points of today's education system with focus on creation of economic hubs so that the nation aspires to become a five trillion-dollar economy in the near future. To achieve this milestone, systems and mechanisms must be evolved to convert the present demographic dividends into high quality technical human resources, which could eventually create wealth generation hubs through Startups and entrepreneurship.

In Kashmir valley, there are multiple dynamics at play with regard to entrepreneurial activities. The UT government, entrepreneurs and advocacy groups seek to promote entrepreneurship, which officially and logically forms part of their mandate. However, there are certain inherent factors that inhibit the entrepreneurial activity. Kashmir is a challenged zone with economy having to bear the brunt. The biggest inhibiting factor, however, is aversion towards entrepreneurship which is regarded as a fall-back mechanism for enabling self-employment. It is fair to state that the first option for a vast majority of the population in the valley is to secure a government job instead of fishing in the troubled waters of entrepreneurship.



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8. Idea Pitching Workshop
9. Startup Bootcamp
10. Social Media Challenge
11. Identifying the problems
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12. Knowing
13. Our Surroundings
14. Idea Pitching Competition
15. Innovation Exhibition
cum Award Ceremony
16. Launches PG Courses



VISION

The Innovation Incubation & Entrepreneurship Development Centre (IIEDC Centre) of NIT Srinagar envisions to coordinate and relentlessly work with a concrete plan to innovate, incubate and act as a centre to create future entrepreneurs. An ecosystem fostering a culture of leading-edge technology by transforming people standards, boost productivity and targets to become the harbinger of Innovation in India in various sectors of Science and Technology by offering advanced industrial solutions with an accentuation on economic growth, environmental sustainability and social upliftment.

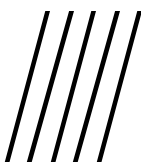
INNOVATION

Augmentation – Existing or New Process

Augmentation – Localisation / Adaptation

Existing Industries of J&K

New Products & Services



MISSION

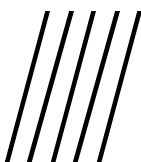
IIEDC aims to create an ecosystem of innovation, to find solutions to human problems, to help foster entrepreneurial thinking and to inculcate the passion and spirit among students to pursue entrepreneurship.

To Promote a vibrant, innovative, and entrepreneurial environment for conducting quality research with an aim to develop knowledge economy

Creation and development of sustainable, globally competitive facility that contribute towards the accelerated economic growth of the region by identifying, exploring and developing regional competitiveness

To strengthen institute-industry linkages to formulate collaborative ventures with the business community of the region in particular and nation in general

To assist and develop new business ventures, start-ups, job creation and employment generation in specific sectors that are aligned with a region's unique areas of opportunity.



VALUES

UNLEASH

U- Unique

N- Nurture

L- Laudable

E- Endurance

A- Accountability

S- Strive

H- Helpfulness

MEANING OF UNLEASH

Unique - Identify unique and smart solutions to engineering problems of diversified nature.

Nature - Nurtures young talent by providing incubation support as and when required, mutual interaction with industry (local and national), IRP platform to obtain patients and service sector support.

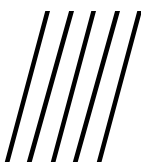
Laudable - Foster self-confidence and courage in students to think out of the box for creating innovative ideas thus making them worthy of praise.

Endurance - Enables to work continuously on a specific idea until it becomes a solution for a specific problem.

Accountability - Taking full responsibility for our actions and are accountable for them.

Strive - Strive for enhancement and deployment of scientific technological solutions to solve confronting challenges in the areas like energy conservation, water management, sanitation control, development of local technologies, ergonomic design, and so forth.

Helpfulness - Focus on Teamwork, helping each other.



TIMELINE OF EVENTS DURING NEC TENURE

During the venture of NEC 2020, our team put forth all their dedication and hard work to make this journey happen. Below is the list of meetings and webinars that the team made happen during this venture.

S.No.	Date	Venue	Link	Organiser	About
01	10-09-2020	G-Meet (Online)	https://meet.google.com/hus-icvb-pzn	Tajamul Ashraf	GD for team building and future plans.
02	17-09-2020	G-Meet (Online)	https://meet.google.com/ava-hxnq-uaj	Tajamul Ashraf & Ayush Kumar	Webinar on Journey of Startup from NIT Srinagar.
03	18-09-2020	G-Meet (Online)	https://meet.google.com/tut-qspv-uxk	Tajamul Ashraf	GD for team building and future plans.
04	22-09-2020	G-Meet (Online)	https://meet.google.com/ifs-mjbv-hbg	Tajamul Ashraf	GD for brief introduction, roles in illuminate 2020 and team building.
05	26-09-2020	G-Meet (Online)	https://meet.google.com/yii-dvqg-uhs	Tajamul Ashraf	GD for assigning sub-teams, coordinators in illuminate workshop 2020 and team building.
06	27-09-2020	G-Meet (Online)	https://meet.google.com/amz-rdao-pge	Tajamul Ashraf	GD for implementation of roles in illuminate 2020 and team building.
07	02-10-2020	G-Meet (Online)	https://meet.google.com/avy-nczb-gxq	Tajamul Ashraf	GD for marketing team to push them to the best in publicizing the illuminate 2020 and team



08	06-10-2020	G-Meet (Online)	https://meet.google.com/zei-kfrs-oss	Tajamul Ashraf	GD for evaluation of tasks, starting registrations of illuminate 2020 and team building.
09	13-10-2020	G-Meet (Online)	https://meet.google.com/trk-etqc-gsh	Tajamul Ashraf	GD for brief introduction, registration and publicity of Eureka 2020 and team building.
10	15-10-2020	Zoom (Online)	https://us04.web.zoom.us/j/72770204419?pwd=Sjl rNWkzaHFKV WE1Qk9ITIYy NmpnZz09	Tajamul Ashraf & Ayush Kumar	Speaker session on “Is college the right time to start a start-up”.
11	18-10-2020	G-Meet (Online)	https://meet.google.com/wtb-rwyf-wme	Tajamul Ashraf	GD for conveying team leader board status, task feedbacks, future plans and team building.
12	26-10-2020	G-Meet (Online)	https://meet.google.com/bst-ggxu-wsv	Tajamul Ashraf	GD for briefing of remaining tasks of NEC, assigning team leaders for them and team building.
13	01-11-2020	G-Meet (Online)	https://meet.google.com/cid-sxzc-	Tajamul Ashraf & Ayush Kumar	Speaker session on “Finances of start-ups”.



			vrp		
14	04-11-2020	G-Meet (Online)	https://meet.google.com/zjw-neqe-txe	Tajamul Ashraf	GD for assignment of series of tasks to the team leaders, briefing of the deadlines and team building.
15	17-11-2020	G-Meet (Online)	https://meet.google.com/jnp-qsde-fzk	Tajamul Ashraf	GD for assignment of members to the teams, briefing them the tasks and team building.
16	18-11-2020	G-Meet (Online)	http://meet.google.com/toy-gjpd-quk	Tajamul Ashraf	GD with the team leaders to review the arrangements for series of tasks and team building.
17	24-11-2020	G-Meet (Online)	http://meet.google.com/kwe-uszv-ebe	Tajamul Ashraf	GD for flagging off the series of fortunate events, reviewing the arrangements and team building.
18	25-11-2020	Airmeet (Online)	https://www.airmeet.com/e/4276eb80-2e60-11eb-a848-a580bbf584b2	Tajamul Ashraf, Nadeem Akhter & Ayush Kumar	Online Freshmen Orientation to introduce IIEDC NIT Sgr. To fellow students.



19	26-11-2020	G-Meet (Online)	https://meet.google.com/jnj-zwuf-dpt	Tajamul Ashraf & Poojitha Aedira	Panel Discussion on “What to choose: Opt for higher studies, Opt for jobs, Opt for entrepreneurship ”.
20	27-11-2020	G-Meet (Online)	https://meet.google.com/oxb-ioii-bsq	Tajamul Ashraf & Nishant Kumar Singh	Speaker session on “How to pitch a business idea”.
21	28-11-2020	Google Forms (Online)	https://forms.gle/AHVxtg4994SnkCzb7	Tajamul Ashraf, Poojitha Aedira & Kritika Sharma	Start-up Bootcamp Quiz to check the knowledge of business start-ups and entrepreneurship (cash prizes for the winners).
22	29-11-2020	Google Forms (Online)	https://forms.gle/5iB8s1KjrqQToB8w9	Tajamul Ashraf, Nishant Kumar Singh & Nadeem Akhter	Social Media Challenge “IRONCLAD” inviting entries from the students highlighting an innovative solution to a real life problem (prizes for the winners).
23	30-11-2020	Google Forms (Online)	https://forms.gle/GTDygmmb4f1CATAx9	Tajamul Ashraf, Nadeem Akhter & Shivanshu	J&K’s biggest Idea Pitching Competition inviting entries from the students to give a presentation of their business idea



Webinar on 'Journey of Startup from NIT

Srinagar'

"Perfect guidance leads to perfection and success."

On 17-09-2020, 3:00 pm IST, a webinar was organized by our team under IIEDC, NIT Srinagar on 'Journey of Startup from NIT Srinagar'. This webinar attracted lot of enthusiastic responses from students who participated in it and got valuable suggestions and insights.



Webinar was hosted by our team member 'Ayush Kumar' and was carried forward by '**Shubham Kumar Chaturvedi**'. Shubham presented his idea and prototype of "Grain washer and water purifier" through presentation in the meeting. This online meeting provided fertile ground for creativity, innovation, entrepreneurship and leadership.



This program helped startup enthusiasts in the innovation efforts to change their competitive pursuit, for both short and long term.





The webinar also consisted of a Q&A session in which lot of students clarified their queries. Overall, the webinar was a great success in motivating students towards entrepreneurship and startup mindset.

Starting a business isn't a singular event, but a journey with three important phases: permission, planning, and practice.

Presenting a webinar on

JOURNEY OF A STARTUP FROM IIEDC NIT SRINAGAR

September 17
3pm-4pm

Guest Speaker
Shubham Kumar Chaturvedi
Innovated Food Grain Washer
and Water Purifier Machine

The poster features a green background with a large orange sun in the center. Three stylized figures are shown: one on the left holding a green circle, one on the right on a ladder holding a yellow star, and one at the bottom holding a green circle. The text is in white and yellow. Logos for IIEDC Centre and NIT Srinagar are in the top right corner. A circular portrait of the guest speaker is in the bottom right corner.

Speaker session ON 'Is college the right time to start a startup?'

Many college students have wonderful ideas which can be transformed into a successful startup or enterprise but they are hesitant on working on their ideas. They are also not aware of the various support system and government schemes. All in all, they become quite suspicious about starting work on their ideas from college itself.

To cater to this issue of students, an online session was organized on 16th October, 2020 at 3 pm IST on the topic 'Is college the right time to start a startup?' The session was hosted by Tajamul Ashraf and Ayush Kumar. Distinguished guest speaker Dr Sheikh Fayaz Ahmad was invited, who is an expert in innovation and startups. He presented his views and gave students valuable insights on the topic



The session attracted enthusiastic young minds and students got their doubts clarified about various hurdles. They came to know about how to balance their work and college life.

Overall, the session turned to be a huge success.



NEC National Entrepreneurship Challenge

IIED CENTRE

e-cell IIT BOMBAY

IIED Centre NIT Srinagar presents
A speaker session on:
"Is college the right time to start a startup?"

Dr. Sheikh Fayaz Ahmad

ABOUT THE SPEAKER
Dr. Sheikh Fayaz Ahmad (PhD) works with Zhejiang University, China as an innovation researcher. PhD in innovation studies from JNU Delhi. He is co-editor of the book titled Informal Sector Innovations: Insights from Global South, published by Routledge, Oxford. Currently Dr Fayaz is engaged in exploring the dynamics of Secondary Innovations in China.

Date: 16 Oct 2020
Time: 3pm-4pm

Google form:
<https://forms.gle/dNRsTn816i2uVVU28>

Contact:
Tajamul Ashraf
+919070071007
tajamulashraf@ieee.org

The session concluded with Q&A session in which many students are asked various interesting questions from the speaker.



Speaker session on 'Finance of Startups'



bwc40748062 Barewalls

To make students aware about various key topics of financing, IIEDC, NIT Srinagar organized an online speaker session on the topic "Finance of startups" on 1st November 2020, 3 pm IST. The session was hosted by Tajamul Ashraf and coordinated by Ayush Kumar. The session was graced by the presence of eminent speaker Dr Fouzia Jan, who is an expert in financial management. She presented her ideas on various fundamental topics of finance like funding, equity dilution, revenue models, pricing models, investment etc.

Finance is one of the most important aspects of setting up a startup. An entrepreneur should always know about financing and other aspects related to it. A good institution or company is also defined by its strength in this domain.



She

helped enthusiastic young students in understanding the complex dimension of the aforementioned topic. The session ended with

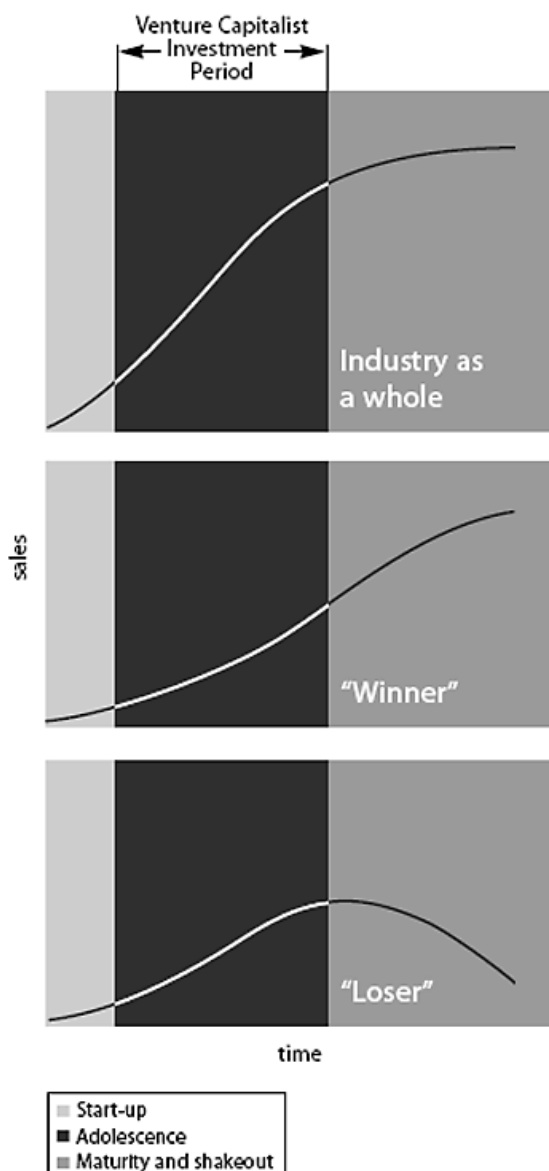
a Q&A session in which students raised various interesting questions

Overall, the session was quite informative and interesting and it fascinated students about the financial management.

According to a recent study, over 94% of new businesses fail during first year of operation. **Lack of funding** turns to be one of the common reasons. Money is the bloodline of any business. The long painstaking yet exciting journey from the idea to revenue generating business needs a fuel named capital. That's why, at almost every stage of the business, entrepreneurs find themselves asking – *How do I finance my startup?*

TIMING IS EVERYTHING

More than 80% of the money invested by venture capitalists goes into the adolescent phase of a company's life cycle. In this period of accelerated growth, the financials of both the eventual winners and losers look strikingly similar.





IIEDC presents

Speaker Session on Finances of Startups

An entrepreneur should always know about the finances of startup.

Key topics:

- ☛ Funding
- ☛ Equity
- ☛ Dilution
- ☛ Revenue models
- ☛ Pricing models

ABOUT THE SPEAKER

Dr Fouzia Jan

Completed PhD in Management Studies from Jamia Millia Islamia New Delhi-25 India. Qualified UGC-NET with JRF. Awarded Maulana Azad National Fellowship in Management by UGC, Govt. of India.

Google form:

<https://forms.gle/fzd5jP5N7JANpjp7>

Time: 3:00-4:00 pm

Date: 01-11-2020



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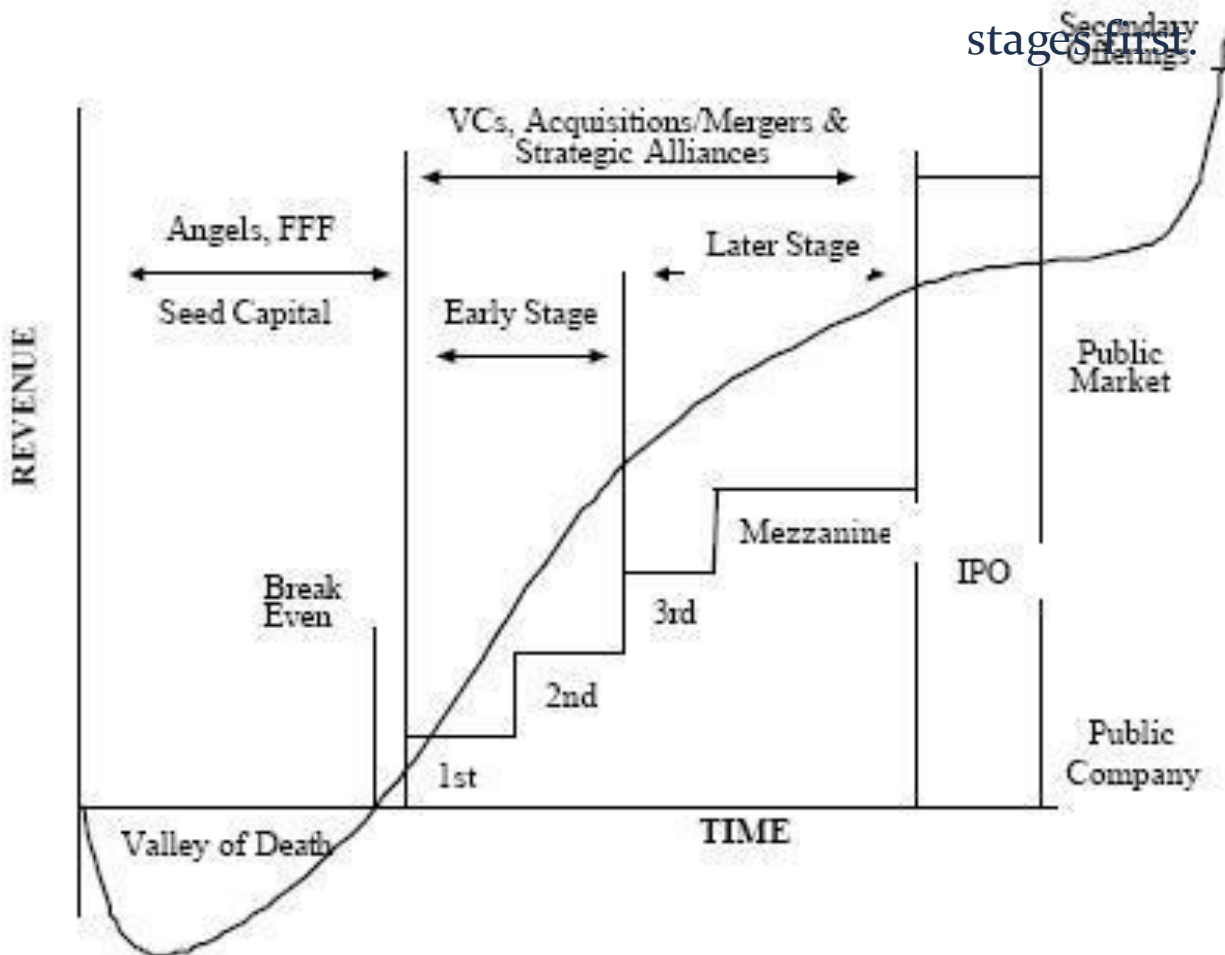
Tajamul Ashraf

+919070071007

tajamul_31btech18@nitsri.net

Every startup, irrespective of the nature and size of operations, requires funds to convert its innovative ideas into reality. Most of the businesses generally fail because of their inability to raise sufficient funds. After all, you need some money or capital to keep your business going at every stage. If you're new to the world of startups and have no idea about raising funds, then you need to make yourself familiar with these different stages first.

Startup Financing Cycle





Online Freshmen Orientation

An “Online Freshmen Orientation” was conducted by IIEDC, NIT Srinagar on 25th November, 2020 to introduce IIEDC to the fellow students. The

The Innovation Incubation & Entrepreneurship Development Centre (IIEDC Centre) of NIT Srinagar envisions to coordinate and relentlessly work with a concrete plan to innovate, incubate and act as a center to create future entrepreneurs.



The orientation consisted of speaker session by Prof. Saad Parvez, head IIEDC, NIT Srinagar.

This orientation helped students to get acquainted with the E-Cell of our college and its working.



PANEL DISCUSSION EVENT

Every student has a dilemma of choosing between jobs, pursuing entrepreneurship, or continuing with higher education. Every aspect has its pros and cons. Try to solve the dilemma among the student by conducting a panel discussion where panelist can help the students in deciding their future journey.

PANEL DISCUSSION was conducted on 26th November 2021 hosted by **NIT SRINAGAR**. As the name conveys its a discussion carried by three prominent speakers on respective topics. The topics of discussion were:

- a. "pros and cons of choosing jobs"
- b. "pros and cons of going for higher studies"
- c. "pros and cons of becoming entrepreneur"

The primary aim of this event is to bring in speakers from different areas of expertise. we collected details from linkedin and mailed them to invite them to the speaking session.





IIEDC
presents

Panel Discussion ON

choosing jobs, persuing entrepreneurship or
continuing higher education, pros and cons.

Speakers:

PROFESSOR SAAD PARVEZ
HEAD IIED CENTER
TOPIC: ENTREPRENEURSHIP

PROFESSOR: DR ARIF
TOPIC: OPT FOR JOBS
(PROS AND CONS)

PROFESSOR: DR SADDAF
TOPIC: OPT FOR HIGHER STUDIES
(PROS AND CONS)

Date: 26 Nov 2020
Time: 2:15-5:00 pm

Google meet:
<https://meet.google.com/jnj-zwuf-dpt>

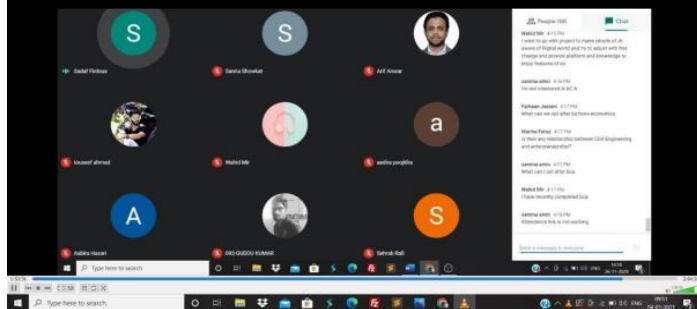
Coordinator:
Tajamul Ashraf
+919070071007
tajamul_31btech18@nitsri.net

Event Leader:
Poojitha
poojithaoedira19@gmail.com



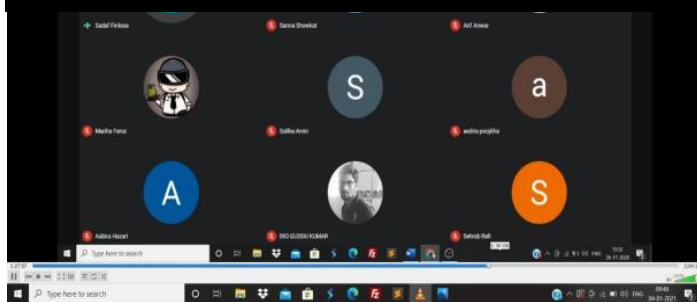
we seeked the benefits of opting for jobs and higher studies. They all have shared their personal stories and experiences with us. Students came to know various routes to go for higher studies. The pannelists patiently clarified the students doubts.

PART 1



The panel discussion was over with vote of thanks. The panel discussion ended with an enlightening message given by the panel to the students.

PART 2



This event is conducted to eliminate the dilemma of every student of choosing between jobs, pursuing entrepreneurship and continuing with higher studies. Every coin has two sides.

Every student needs proper counselling to decide their future journey.

It was an interactive session where students from NIT SRINAGAR and outside got an opportunity to explore all the possible options.

The panellist talked about how to choose between entrepreneurship, higher studies and jobs. We have learned about inherent qualities of entrepreneur and what kind of thinking turns you into entrepreneur.

**“The
secret of
getting
ahead is
getting
started.”**



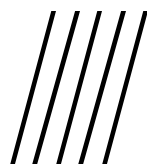
Idea Pitching Workshop

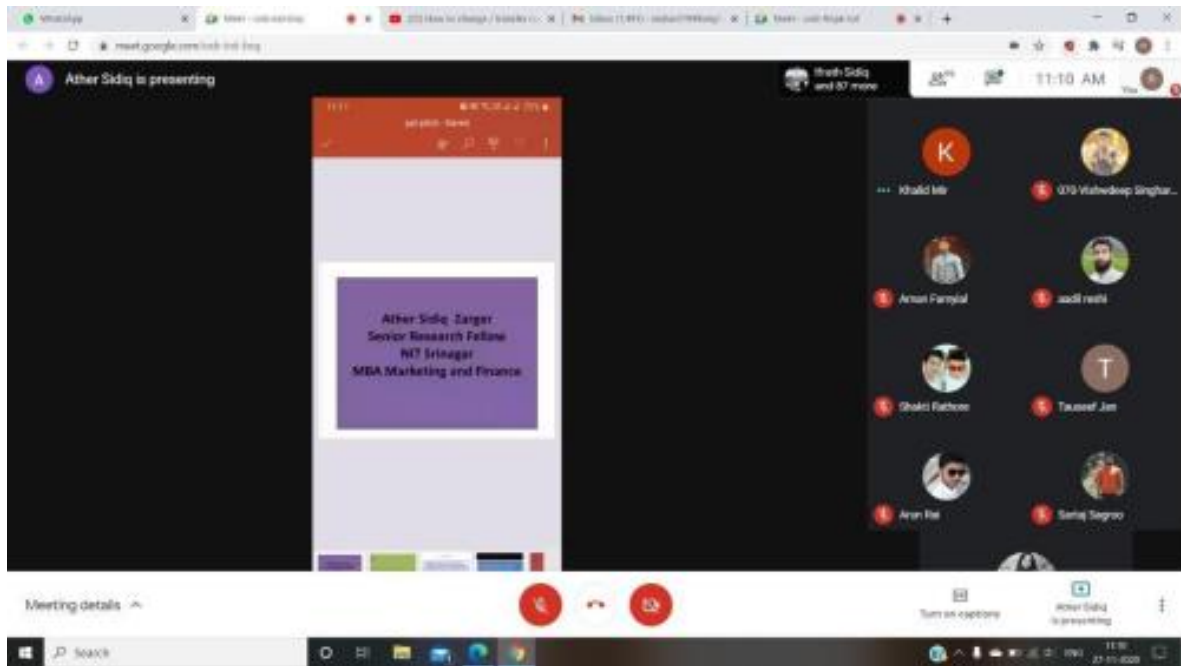
About Idea

Pitching Workshop

The idea pitching workshop held on 27th November, 2020 by Innovation, Incubation and Entrepreneurship Development Centre was all about on how to pitch your business idea to your customers and investors and it was very successful. More than 100 students attended that workshop and got benefited about about MBA Marketing and finance from Ather Sidiq Zarger (Speaker), Senior Research Fellow at NIT Srinagar. In this 2 hours of interactive session, the attendees

got acquainted with the basics of starting a business and what are the key points to be paid attention while pitching the idea in front of customers, investors and sponsors. They presented their doubts regarding finance and marketing (vocally or in the comment section) and accordingly Ather Sir cleared their queries with a handful of knowledge. They also got acknowledged about the E-cell of our college and its working. Overall, it was a tremendous online workshop as the students were leveraged with financial literacy at the end of the session.





START-UP BOOTCAMP

START-UP BOOTCAMP was all about a series of workshops, followed by a quiz. We conducted the workshops on the following topics.

A journey of a start-up from **IIEDC NIT SRINAGAR**

Behind the rising of china secondary Innovation
Innovation and development -The evolving discourses

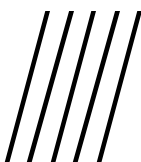
Knowledge institutions in the informal Economy

Entrepreneurship and innovation in the food system

Frugal innovations and covid19 pandemic

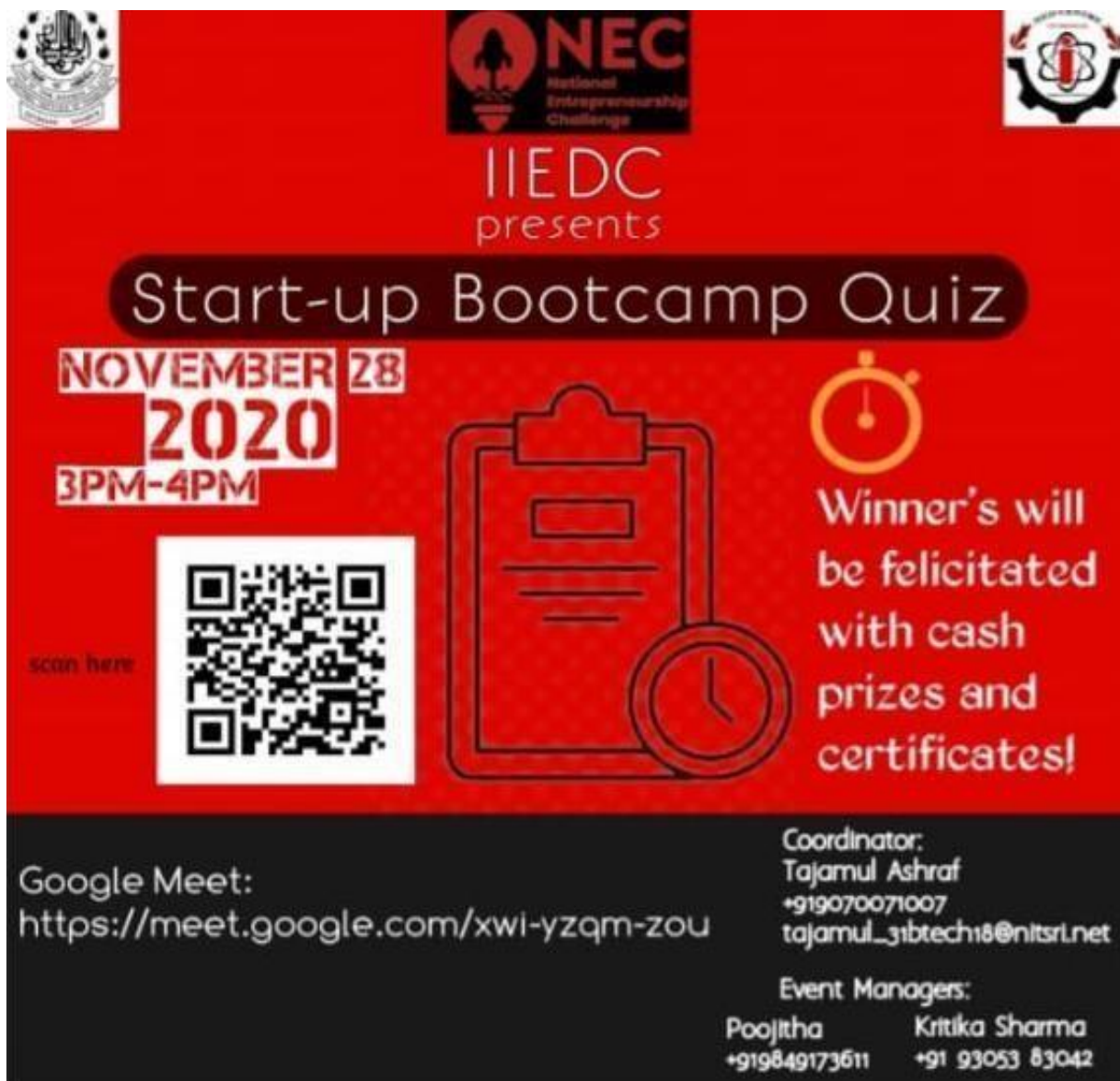
Extending Boundaries refraining entrepreneurship as
social change




Lab based innovations shaping laboratories of the
future.



We gathered prominent speakers across various countries like China, South Africa, Helsinki, London, Mexico, Boston. We divided them into various time slots and successfully finished all the workshops with enormous support from our IIED-CELL NIT SRINAGAR. We collected the details of all the students who want to participate in

the workshop with the help of google forms. At the end of all sessions, we conducted the Bootcamp quiz to check the increment knowledge of the participants. We mailed all the participants their scores and finalized the top three and rewarded them with certificates and cash prizes.





  

IIEDC
presents

Start-up Bootcamp Quiz

NOVEMBER 28
2020
3PM-4PM

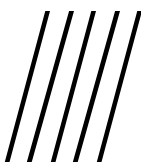
scan here



Winner's will be felicitated with cash prizes and certificates!

Coordinator:
Tajamul Ashraf
+919070071007
tajamul_31btech18@nitsri.net

Event Managers:
Poojitha Kritika Sharma
+919849173611 +91 93053 83042



Altogether, we have discovered a lot of new innovations and ideas we got an opportunity to elevate our conceptual views on numerous aspects.



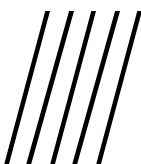
START-UP BOOTCAMP had not only taught us how to become great entrepreneurs from scratch but also acquainted us with the fact that there are a lot of innovations yet to come to transform us. We as individuals should always think out of the box to make it possible.

Social Media Challenge

“IRONCLAD”

“Ironclad” was the social media challenge launched by IIEDC, NIT Srinagar which is totally based on entrepreneurship skills. We constructed a challenge of coming up with a unique idea of problems of different arenas of life which can be transformed into a business model.

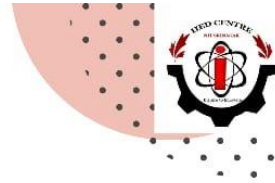
The domains were given, word limit for pdf submission and time limit for video submission were being provided and two days were given for preparing it. It was posted on every social media platform with hashtags(as per requirement of NEC). As expected, more than 20 submissions on this



challenge came and almost all the domains were covered in these. Few submitted multiple entries as well. Entries were evaluated on the basis of criteria like Presentation, Idea, Interpretation into business model and as a result 1st,2nd & 3rd position were awarded to the respective candidates.

DAY 5, SOCIAL MEDIA CHALLENGE

Greetings from IIEDC, NIT Srinagar! The Innovation, Incubation & Entrepreneurship Development Centre (IIEDC Centre) of NIT Srinagar launches a Social Media Challenge "IRONCLAD" based on Entrepreneurship skills.



IIEDC, NIT SRINAGAR
PRESENTS

IRONCLAD

#SOCIAL MEDIA CHALLENGE

Entrepreneur Minds, Floor is yours.

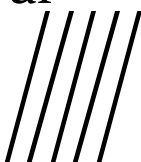
Winners will get exciting prizes and certificates.

Deadline: 01 Dec 2020

Contact:

1. Nadeem Akhter (6387308580)
2. Nishant Kumar Singh (7006417524)
3. Tajamul Ashraf (9070071007)

Entries are invited from students highlighting an innovative solution based on a real life problem in written form or video explaining your idea in brief. Use given hashtags in your post (Compulsory).



About the Challenge

Come up with an unique idea of problems of different arenas of life(given below) which can be transformed into a business model. Mention your chosen domain & your model regarding it and tell how you will drive your model's reach to the public masses. If you have other sector in your mind apart from the mentioned ones, go for miscellaneous.

Domains:

Waste Management
Sanitation in Rural Areas
Travel & Tourism
Sustainable Environment
Clean Water
Miscellaneous

Choose either written format(Word limit-100 to 200 words in pdf) or

video format(1-2 min)to deliver your idea. All entries must be submitted by filling out the google form given below.

<https://forms.gle/5iB8sKjrqQToB8w9>
NIT Srinagar

#ironclad
#Beyourownboss
#IIEDCchallenge
ge4wontstop
#Bethesaviour



Identifying the problems near you

PROBLEMS OF ELECTRICITY IN RURAL J&K

Jammu and Kashmir is popularly known as paradise on earth due to its serene views, lush green beauty and availability of many natural treasures of life. Despite having all these natural blessings and treasures the denizens of this region are facing a lot of hardship and miseries of life.

Topographically the rural areas of J&K are very inaccessible and isolated. Moreover due to various climatic barriers and other natural hindrances it is very difficult to provide all the hour power supply. As we all know during

rainy season and snowing many electric poles get damaged and effected by the natural way. But it is very unwise to blame only nature for this improper power supply there are a lot of power generation plant in J&K even we are the suppliers of extra power in other states but in our state we are facing the shortage and deficient power

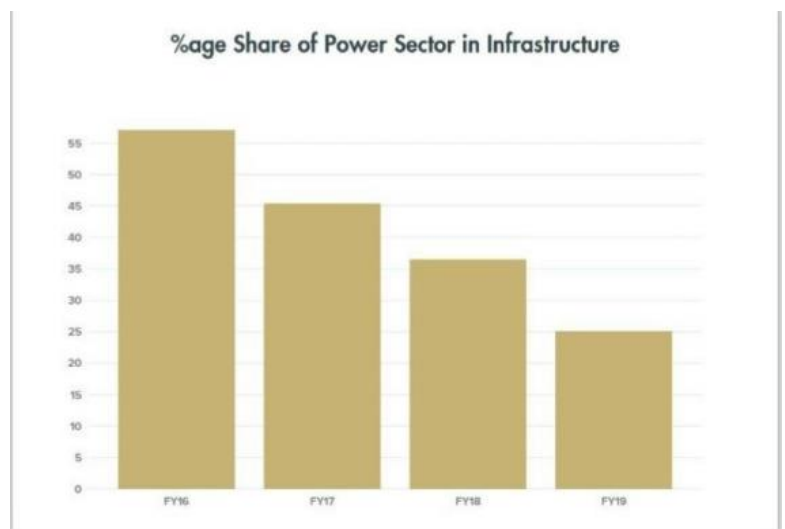
Even as India hardly produces enough energy to fulfil its domestic demands, a major portion of the electricity produced is being



wasted. Nearly 20% of the electricity is lost due to technical and commercial reasons (AT&C Losses).

SECTOR DEVELOPMENT

Going by the RBI's industry-wise distribution of projects sanctioned by banks, the share of the power sector in the overall infrastructure has significantly fallen in the last four years. In FY16, the share of projects related to power sector in the overall infrastructure was 57.1%, which fell to 45.4% in FY17; 36.5% in FY18; and 25.1% in FY19. Adding to worse, amid the ongoing slowdown, the growth in bank credit in this sector has contracted by 1.2% in the financial year so far.



A globally accepted source of employment generation is entrepreneurship development and as J&K is under development so, thinking about this electricity problem would definitely help to promote some ideas regarding entrepreneurship developments.



Moreover due to low voltage supply the poor students of these areas can not get proper time for study during night hours as they are generally busy in their different household chores and other agricultural works with their family during day time. In urban areas and well developed cities there is no such problems and burden on the life of school going children. So this is the difference among the children of rural and urban areas in terms of their lifestyle and facilities lead some major problems like lack of knowledge and guidance in the students of rural areas then how can we think about entrepreneurship and anything out of the box in these areas where people are not getting proper facilities.

Many other states where there is no power generation plant are enjoying the benefits of proper and uninterrupted power supply round the clock but in J&K only because of poor management and negligence of few people are forced to suffer.

Today in the modern world, electricity is one of the necessary requirement. Long electricity cuts effect many sectors as given below

PRODUCTION RATE

Long electricity cuts effects production rate because of the large power cuts company and small startups are not able to fulfill required



customer demands and damaged reputation have a long-term effect on company. Employees may not be able to complete their task when key equipment is down.

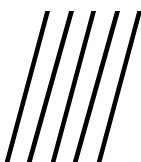
DAMAGE EQUIPMENT AND STORED COMPUTER STUDENTS DATA LOSS

STUDENTS

In winters students are not able to study properly due to power cuts, also in harsh winters electric heating equipment are also not working because of power cuts. But to be remain fit heating equipment are necessary. Hot water for drinking, bathing is also not available.

Another main reason is stored computer data lost because computers and operating systems are complex, that need to be proper shut down. Any files on which students/workers were working

could be lost or become corrupted many times frequently power cuts can damage hard drive and reduce its life span. Power cut are causing long-term damage to equipment.



MEDICAL FACILITIES

In medical facilities, patient lives depend on crucial medical equipment operation properly. Patient lives depends upon electrical power and a single long cut can takes many lives.



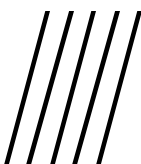
MILITARY BASES

In military bases electric power is used to run electric weapons and cameras, so power cut can cause valuable weaponry and equipment to become useless in the event of an attack.

So, I think this is really a big problem and which is needed to be solved.

KNOW YOUR SURROUNDINGS

As the name suggests it's all about knowing the start-ups around us and the problems faced by them. In this cut-throat competitive world, it is



highly required to help the start-ups to grow by learning more about them and also find the route to resolving their most prominent problems.

In this event, we made a google floating form that included all the significant questions.

Questions Responses 12

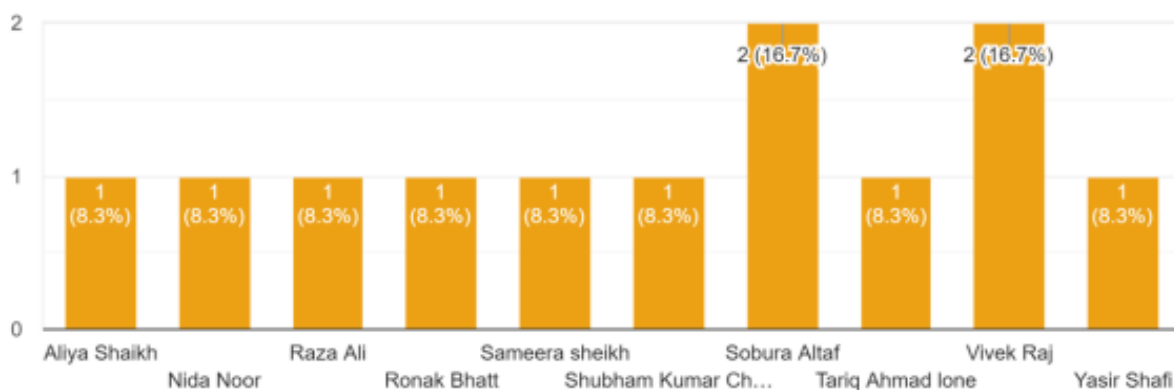


START-UP SURVEY 2020-2021

The Entrepreneurship Cell, NIT Srinagar is dedicated to cater to the entrepreneur's needs of students and provide them with the necessary resources to achieve them.
E-Cell NIT-SRI, organizes several workshops, webinars, Entrepreneurship Summits, and many more, every year to help students validate their ideas, get funding, gain publicity, avail services, etc
Today we're conducting a startup survey to know about the various problems faced by startups and also to get general information about startups in our society.

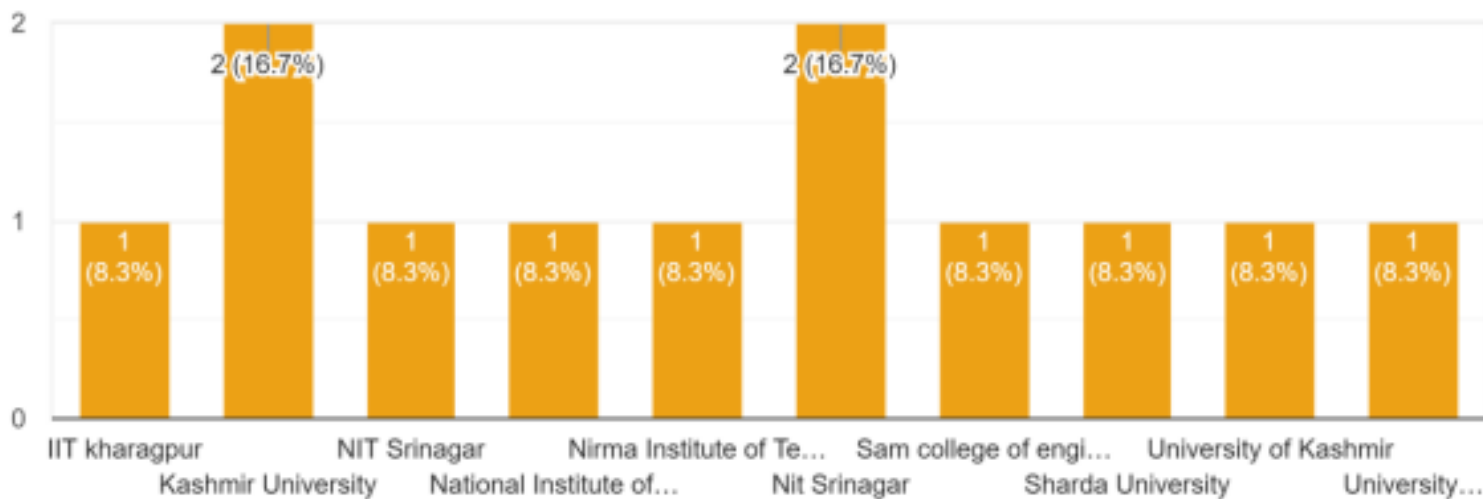
Name

12 responses



Name of your institute

12 responses

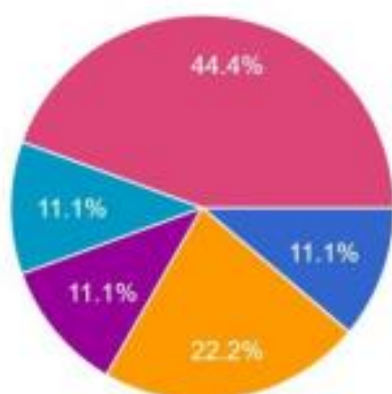


We enquired about start-ups around us collected their contacts and requested them to fill our survey form. we personally spoke to every entrepreneur out there and accumulated details and problems faced by them.

We assembled a lot of information and the services they need in long run and made a scrutinized report concerning start-ups in our surroundings

Tell us about the problem you are trying to solve?

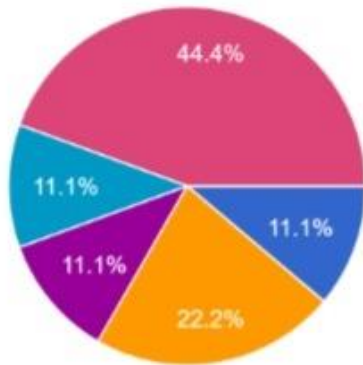
9 responses



- Problem looking for a solution.
- Solution looking for a problem.
- It was one of the many ideas I have and this one seems the best.
- This is not a problem today but I believe it will in future .
- The idea came from a personal frustration.
- It was one of many ideas I have and t...
- The problem in the industry where I kn...

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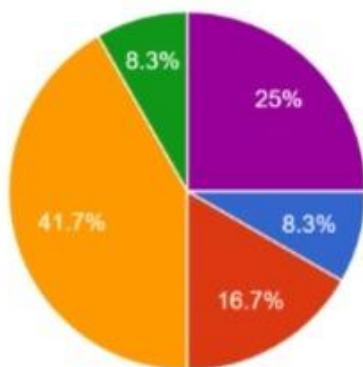
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Do you think entrepreneurship and startup development is effectively supported?

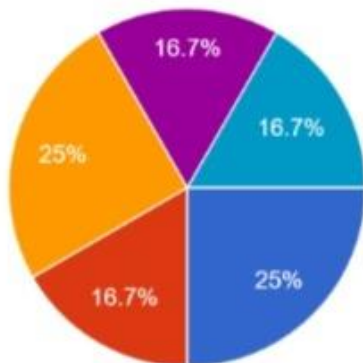
12 responses



- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

What is the stage of your startup?

12 responses

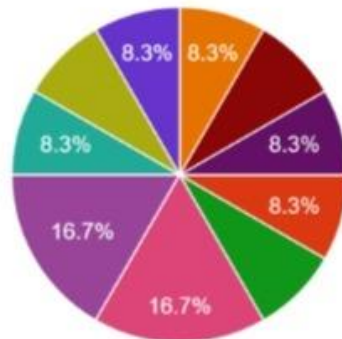


- Ideation stage
- Prototype
- Product Validation
- MVP/proof of product build
- Initial release
- Closed temporarily



What is your sector?

12 responses

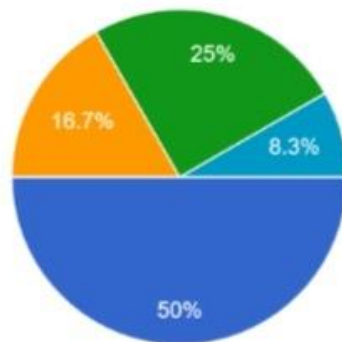


- Telecom
- Semiconductors
- Mobile
- Social Media
- Life Sciences
- Medical Devices
- Enterprise Software
- Biotech

▲ 1/3 ▼

What are the major challenges faced during startup design?

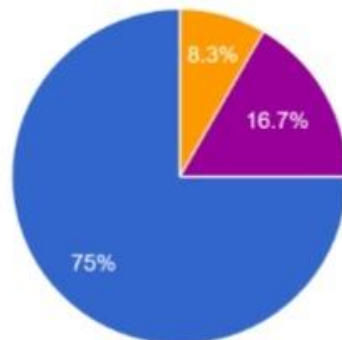
12 responses



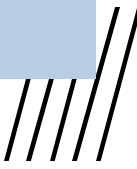
- Financial problems
- Lack of resources
- Balancing institute work with start-up
- Getting funding
- Intellectual property
- Perfecting the product

What service do you need for the startup?

12 responses

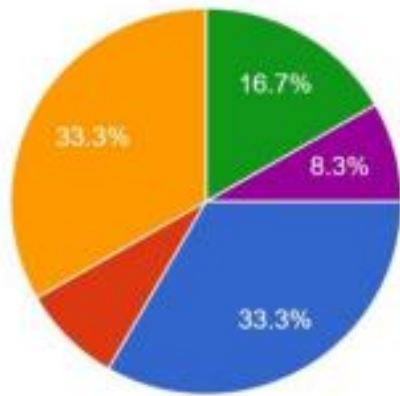


- Financial
- Designing
- Prgrammer
- Mentorships
- Nothing at this time



What type of funding round are you currently seeking:

12 responses



- Not seeking funding at this time
- Crowdfunding
- Institute funding
- Government funding
- Patent Collateralization
- Fully funded already
- Self

KNOW YOUR SURROUNDING event not just improved our surveying skills but also gave us an astounding opportunity to recognize different start-ups in our university and surroundings.

Idea Pitching Competition

Pitching is one of the most important aspects, while one is starting a startup. You may need to pitch your startup to your customers or your investors. It is a skill that an entrepreneur should master.

Event Manager: Nadeem Akhter 6387308580

NEC National Entrepreneurship Challenge

IIEDC NIT SRINAGAR presents

J & K's Biggest Idea Pitching Competition!

WHAT'S YOUR **BIG? IDEA**

NOVEMBER 30 2020 3PM-5PM

CASH PRIZE FOR TOP 3 POSITIONS

Scan here

Coordinator: Tajamul Ashraf +919070071007
Event Manager: Nadeem Akhter 6387308580
Shivanshu Tripathi 9005563678

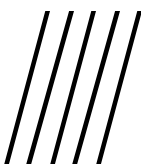
Google form: <https://forms.gle/GTDygmmb4f1CATAx9>

You should always practice what you have learned and competing against each other helps everyone learn more about pitching.

Pitching basically means giving a presentation of a business idea to potential investors. In the field of entrepreneurship, knowing how to pitch your idea is very important to understand. For this very reason, J&K's biggest Idea pitching competition was held by IIEDC, NIT Srinagar on 30th November, 2020. Entries were invited from students of the valley to give a PowerPoint presentation explaining their business idea.



“ You only live once, but if you do it right, once is enough.”



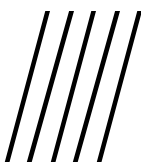
INNOVATION EXHIBITION CUM AWARD CEREMONY

Amid the COVID19 outbreak, Kashmir is facing a shortage of healthcare equipment, particularly ventilators which are considered very critical for treating the severely ill coronavirus positive patients.



The USP of this innovation is the cost factor as this ventilator would be way cheaper as compared to the ones imported from outside, said one of the group members who made the prototype.

The prototype named 'Ruhdaar' is expected to be handed over to the medical experts in the SKIMS for evaluation purpose once the innovators



are satisfied with its functioning in the laboratory. The raw materials for the frugal ventilator are easily available within J&K, said the group member.

Team members who designed and developed the prototype were headed by Coordinator of IUST's Design and Innovation Centre, Shahkar Nehvi, Majid Hamid Koul, ex faculty IUST, Peerzada Shoaib, Asif Shah, Zulquarnain, Jawad Ahmad from IUST, Saad Parvaiz from NIT Srinagar, Shabir Hassan from Harvard University as an overseas mentor and Abdul Hamid from Rahim Greens.



IUSSTF
Indo-US Science and Technology Forum

Call for Proposals Indo-U.S. Virtual Networks for **COVID-19**

Across the world, countries are being challenged by the COVID-19 pandemic in ways they have never been before. To support the global efforts of the medical and scientific community, the Indo-U.S. Science and Technology Forum (IUSSTF) announces a **Call for Proposals** to support **COVID-19 Virtual Networks**. IUSSTF invites proposals that highlight the value of the Indo-U.S. partnership to advance research and address critical challenges related to COVID-19.

Virtual Networks would allow Indian and U.S. scientists and engineers currently engaged in COVID-related research to carry out joint research activities through a virtual mechanism, leveraging existing infrastructure and funding. Proposals are invited in two categories:

- **Knowledge R&D Networks** that enable Indian and U.S. scientists from Academia and Laboratories to conduct joint research and encourage the integration of research and education.
- **Public-Private Virtual Networks** that enable Indian and U.S. scientists from Academia and Industry to collaborate on pre-commercial R&D activities having potential towards applied research and product development.

Eligibility

- Teams at Indian and U.S. Academic Institutions, Laboratories and/or Industries that are actively engaged in COVID-19 research funded by Federal Agencies and/or Foundations.
- Each proposal must involve at least one Indian and one U.S. Institution.
- All partners should have intellectual and financial stake in the activities by contributing resources required for project execution.

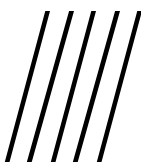
Type and Extent of Funding by IUSSTF

- INR 25,00,000/- to INR 50,00,000/- per project [approx.. \$33,000/- to \$66,000/-].
- Funding would be available for a period of 18 months.
- The Grant-in-Aid would cover:
 - ✦ Partial support for Personnel (Students/PostDocs);
 - ✦ Basic Infrastructure (limited supplies), if needed;
 - ✦ Limited travel (with justification); and,
 - ✦ Contingencies for dissemination of research, educational materials and reports.

Application Process

Applications will be accepted online from 15th April 2020 onwards with a submission deadline of 15th May 2020.

For more details, please visit www.iusstf.org



NIT Srinagar launches PG course in

‘Technology, Innovation, and Entrepreneurial Dynamics’

To bolster innovation and science-driven technoenterneurship in J&K, National Institute of Technology, Srinagar has launched a new postgraduate course in Technology, Innovation and Entrepreneurial Dynamics (MSc TIED).

The two-year MSc program, approved by the Ministry of Education (formerly MHRD) in 2019, is the first of its kind in India. The Board of Governors of NIT Srinagar has also given its endorsement to the program. The MSc TIED, which commenced its first batch from Monday,

was inaugurated in a function recently held at NIT Srinagar.

“NIT Srinagar is the first NIT in the country to start such a two-year postgraduate course on innovation and entrepreneurship,” said [Dr. Saad Parvez](#), who is the course director of the program.

Parvez, who also heads the Innovation, Incubation and Entrepreneurship Development (IIED) Centre of the NIT Srinagar, said the IIED Centre and Department of Humanities and Social Sciences jointly run the course.

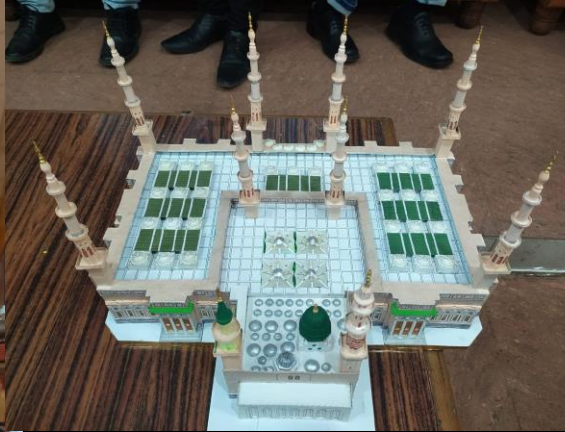


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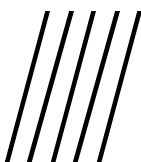
Project Monitoring and Advisory Committee (PMAC)

As part of New India Challenge 2020, two ideas submitted by Business Incubator unit of NIT Srinagar have been approved by Project Monitoring and Advisory Committee (PMAC) headed by Development Commissioner Ministry of MSME.

The approval of the innovative ideas will allow the incubatees to develop the prototype within the host institution.

Assistant Director MSME DI Srinagar Saheel Alaqband said that the said institution will receive Government of India grant in aid up to 15 Lac per idea for developing and nurturing the ideas as per guidelines.

The Business Incubator at NIT Srinagar headed by Dr. Saad Parvez will provide all the mentoring/ fostering support to the incubatee for development of prototype and allow him to utilize the facilities therein.



The two ideas have been submitted under agriculture and design sector with the aim to commercialise the technology later and help the MSMEs in process and production.



Innovation, Incubation & Entrepreneurship Development Centre (IIEDC),
Department of Humanities, Social Sciences & Management
National Institute of Technology Srinagar-Kashmir



TALK TITLE

Technological change,
transhumanism and
the idea of progress



**27th of
December
2020**

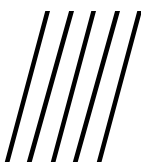
**PROF. MIKLOS
LUKACS DE PERENY**

ABOUT THE SPEAKER

Prof. Miklos Lukacs de Pereny is a Peruvian scholar specialized in Science, Technology and Innovation Studies. He holds a PhD in Management and an MSc in Innovation Management from the University of Manchester. He has also completed the Oxford Artificial Intelligence Program. Dr. Lukacs is currently Research Professor of Science and Technology at Universidad de San Martin de Porres in Lima, Peru and has also taught at the universities of Essex and Manchester in the UK.

DISCUSSANT: Dr. Sheikh Fayaz Ahmad, Innovation Researcher,
School of Management, Zhejiang University, China

FOR REGISTRATION: Drop an email @ (iiedcnit2020@gmail.com) or call Muzamil and Farhan @ 7051588784 or 9797964869.





Innovation, Incubation & Entrepreneurship Development Centre (IIEDC),
Department of Humanities, Social Sciences & Management
National Institute of Technology Srinagar-Kashmir

TALK TITLE

**THE POLITICS OF INNOVATION:
Why Some Countries Are Better Than Others
at Science and Technology**



**12th of
January
2021**



**PROF (DR.) MARK
ZACHARY TAYLOR**

**Associate Professor, School
of Public Policy, Georgia
Institute of Technology, USA.**

ABOUT THE SPEAKER

Prof. Mark Zachary Taylor, formerly a solid-state physicist, now specializes in S&T politics and policy, the American presidency and comparative politics. Dr. Taylor holds a PhD in Political Science from MIT, an MA in International Relations from Yale University, earned a BA in Physics from UC Berkeley. In his research, he tries to understand the sources of national economic competitiveness. His book, *The Politics of Innovation (Oxford Univ. Press, 2016)*, seeks to explain why some countries are better than others at science and technology. He currently studies the role of the US presidency in short-run economic performance.

DISCUSSANT: Dr. Sheikh Fayaz Ahmad, Innovation Researcher,
School of Management, Zhejiang University, China

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Team Leader NEC



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Student Coordinator, IIEDC



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