

Themes



IDEAthon

Evaluation of applications
for the Innovative Business
Ideas



ATAL INCUBATION CENTER
GUJARAT TECHNOLOGICAL UNIVERSITY
AIC-GISC Foundation

REPORT

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About Atal Incubation Center- Gujarat Technological University

Atal Incubation Center at Gujarat Technological University (AIC-GISC Foundation) supported by Atal Innovation Mission, Government of India, aims to nurture the ideas into a viable Enterprise/ Start Up, with a specific focus on Healthcare, Biotechnology, Medical Devices, and allied areas. Besides, providing active Mentoring and Financial support to the Incubates, Atal Incubation Center from its main Campus at Chandkheda, Ahmedabad is going to provide Basic and high end Instrumentation facilities, Incubation spaces, and networking facilitating a host of other resources that may be required for the startup to survive and scale up further.

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Concept of IDEathon

In order to generate Incubation pipeline of Atal Incubation Center of Gujarat Technological University aiming to promote technology based entrepreneurship, an initiative is proposed named IDEathon to promote technoentrepreneurship and encourage students/professionals to convert their ideas into reality.

Ideathon – an event wherein the students/Innovators & startup will get an opportunity to get their idea validated and Incubated for developing viable enterprise. A series of outreach activities primarily in major 04 regions of Gujarat inviting applications seeking PreIncubation / Incubation/ scale support – from Science /Medical/Biotech/Pharma Colleges as well as Technical institutes in the State of Gujarat, wherein the best teams will be rewarded and assisted for the next level.

Themes:

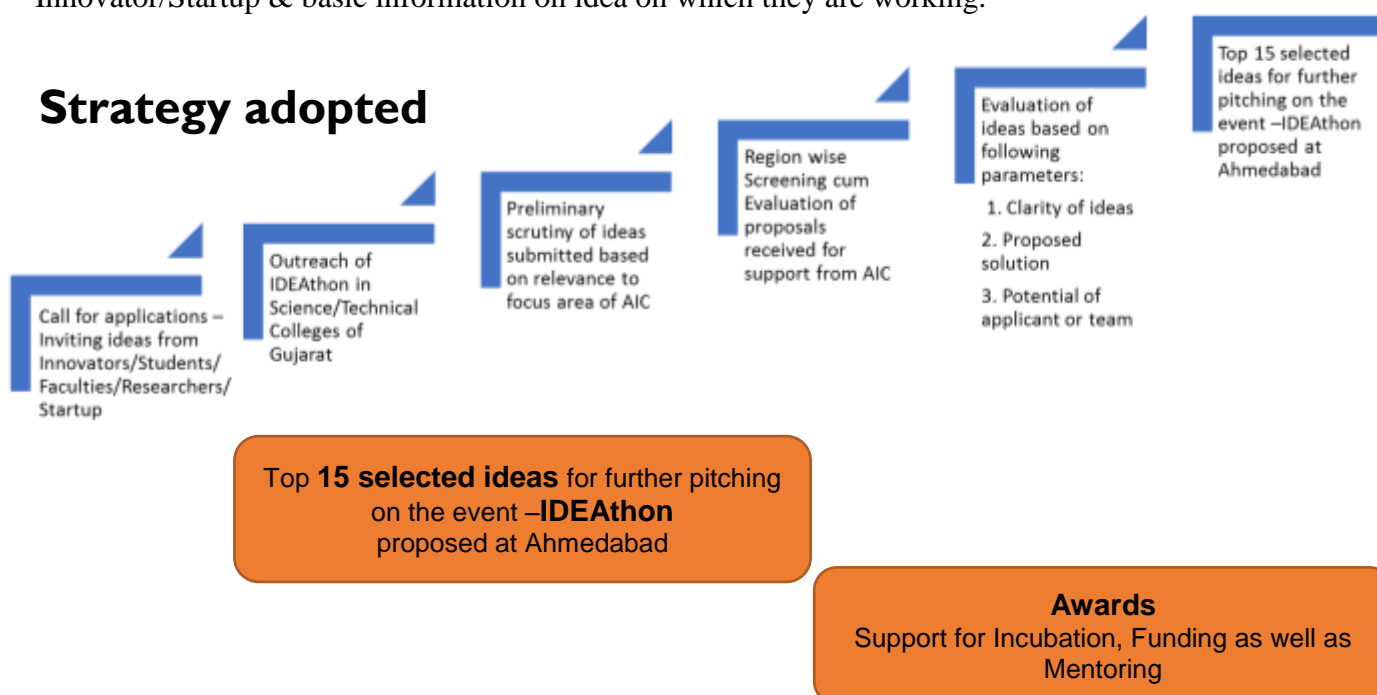
1. Healthcare and Medical Devices
2. Applications of IT, IOT & AI in Healthcare
3. Biotechnology and Life Sciences

Objectives & Strategy:

Atal Incubation center – GTU attempts to support Technology based projects - Technologies or a 'Minimal Viable Prototype' in the area of Healthcare and Medical Devices vide allied areas, but more importantly, inculcate a mind-set of having clarity on ideas they are working out and undertaking commercial/societal impactful research.

The ideas/projects were invited through an online application seeking General information on Innovator/Startup & basic information on idea on which they are working.

Strategy adopted



Steps to participate for IDEathon:

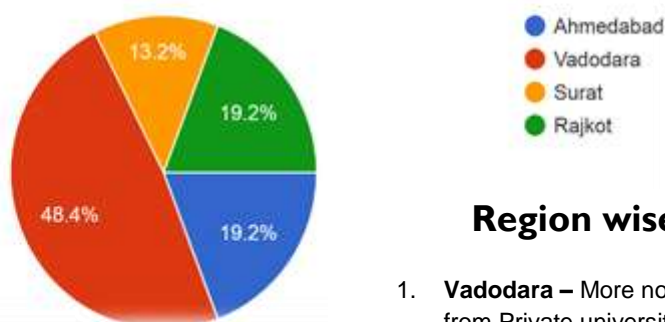
1. Submit Ideas
2. Screening by the competent authority
3. Pitching of selected ideas on the event day – IDEathon

Recognition: Select few ideas will be rewarded with Incubation, mentoring & Financial assistance

The applications received will be primarily screened, mentored, then after the review the applications, best prospective proposals from screenings of each regions will be screened in grand event like Ideathon Ahmedabad wherein startups can pitch their project ideas thus, leading to generation of incubation pipeline for AIC-GISC. Total 182 Ideas received from Students/Innovators/Faculties/Startups seeking support for Incubation, Mentoring and Financial Assistance with preferred city of pitching. Based on ideas received, a preliminary scrutiny to sort applications relevant to theme of the IDEathon were screened.

Preferred city for pitching your idea in Ideathon

182 responses



Region wise analysis of ideas received

1. **Vadodara** – More no. of applications received from Faculties/Researchers from Private university good in pharma research
2. **Ahmedabad** – More no. of medical applications and Applications of IT, IOT were received from Faculties as team from Homeopathy college, students passionate in working prototypes
3. **Surat** – Less no. of Science Colleges, resulted in poor participation from colleges of region.
4. **Rajkot** – Many applications were screened out, considering the category applied belonging to electrical or engineering applications.

Experts Profile:



Dr. Krishana Joshi

Assistant Professor, Department of Microbiology,
Marwardi University, Rajkot
More than 15 years of experience as Lecturer in Government
Engineering College & Mentor for various research projects



Mr. Vishal Savariya

CEO,
Shree VAM Industries, Rajkot
More than 14 years of industrial experience in Chemical Manufacturing
Industry
Former Student of EDI, Ahmedabad



Dr. Vaibhav Bhatt

DST-Inspire Faculty ,
Saurashtra University
PhD in Biotechnology with more than 20 publications
Having 7 years of teaching experience



Mr. Ashvin Savani

CEO Avinashi Ventures
Product or Solution Architect and 15+ years of experience in various
industries and technologies.
Specialties: Product Ideas, Out of box thinking, People Management,
Product Architecture and Product Perfection



Dr. Kalpesh N. Lathiya

BHMS
Director at Medisun Lifescience Pvt Ltd
Co-Founder of Radha Multispecialty hospital & Test Tube Baby Center
Co-Founder of Radha Diagnostic Center



Dr. Subhash S. Vaghani

Asso. Prof. Smt. R. B. Patel Mahila Pharmacy College, Atkot, Gujarat,
PhD in Pharmaceutical Science, Jodhpur National University
More than 8 years of Teaching experience



Mr. Rohan Shah

Founder

NovumLogic Technologies Pvt Ltd

More than 10 years of experience in IT projects & coding



Mr. Ashish Bhavsar

Technical Director

Inmed Equipments Pvt. Ltd., Wave Vision,

Vadodara Innovation Council,

India SME Forum – Vadodara Chapter



Dr. A.K. Seth

Director at Department of Pharmacy, Sumandeep Vidyapeeth,, Vadodara.

Doctoral Degree M. S. University, Vadodara (Gujarat)

33 years of professional experience comprising of industry, teaching, administrative and research.



Dr. Dhara Thakore

Student Startup and Innovation Policy, Dept. of Education GoG,

PhD, IIT Delhi



Mr. Sanket Patel

Director – Marketing & Business Development

Glide Technologies

Worked in the IT industry for more than 5 years experience in Marketing Strategy, Digital Marketing, Sales and Business Development.



Mr. D L Pandya

Director – Marketing & Business Development

CEO at MEDICAL PLASTICS DATA SERVICE

38 years' experience in Medical Device Industry

Evaluation & Validation of Ideas at GTU Innovation Council, Rajkot

Date: 16th December 2019

Total Applications received: 35

Selected ideas for Presentation before jury: 22

Teams/Innovators pitched before the invited jury: 14

Venue: Gujarat Technological University Innovation & Startup Centre - Rajkot, AVPTI College, Rajkot

Since, the majority of applications received were relevant to domain of pharma & biotech, experts were invited from the similar domains along with an Industry expert. List of Applicants called for pitching as Appendix I & List of applicants presented their ideas before Jury appended as Appendix II.

Invited JURY:

1. **Dr. Krishna Joshi**, Assistant Professor, Marwardi Education, Rajkot
2. **Dr. Vaibhav Bhatt**, Associate Professor, Saurashtra University, Rajkot
3. **Mr. Vishal Savariya**, CEO, Shree VAM Industry, Rajkot

Participants – Faculties, Researchers- PhD scholars, Student Teams from nearby Science colleges/Institute namely Marwardi University, Atmiya Institute of Pharmacy, M.N Virani science College, GEC, Rajkot presented their ideas before the Jury. Many young student teams (1st or 3rd year) along with their guides (Faculty associated with the project) having commercialization potential/feasibility have pitched with a scope of little improvements for the next round. Also, faculties as team members having background research on proposed idea presented their preliminary work done till date seeking Funding to take their ideas to next level.

Observations by Invited Jury:

- Less Clarity on idea proposed
- Applicability of the project is less explored
- Low potential for commercialization
- Majority projects were seeking Funding assistance

Orientation Session:

Participants were briefed about the Atal Incubation center, its activities, the Concept of Ideathon by Dr. Chandan Chatterjee, CEO, AIC-GISC and the GTU Innovation Council Initiatives by Mr. Sahu.



Selected ideas for pitching to IDEathon:

1. **Rohan Pandya**, Faculty, Atmiya University, Rajkot
Project: Preparation of natural polymer based formulations
2. **Prof Nitin Kumar Singh**, Faculty, Marwadi Education Foundation's Group of Institutions, Rajkot
Project: Design and development of an eco-engineer i.e. 'Black Soldier Fly Larvae' based Faecal Sludge Treatment Systems: A green toilet approach

Applicants pitching ideas before the Invited Jury & Interaction with the experts on their project ideas



Evaluation & Validation of Ideas at GTU Innovation Council, Surat

Date: 20th December 2019

Total Applications received: 24

Selected ideas for Presentation before jury: 14

Teams/Innovators pitched before the invited jury: 18

Venue: Gujarat Technological University Innovation & Startup Centre - Surat,
1st Floor Amenities, Block S.S. Gandhi College, Surat.

In consideration to less number of applications received for screening, the outreach for the region was also extended to nearby Science/Technical colleges. Thereby, participation from Research Scholars, Student Teams, PhD Students from pharma department was witnessed from Shroff S. R. Rotary Institute of Chemical Technology, Bharuch. Similar Projects of domains- Applications of IT, IOT in healthcare pitch their ideas related to healthcare management. Moreover, presentation of projects seeking funding related to research on pharmaceuticals was observed.

Invited Experts:

1. **Dr. Subhash Vaghani**, Associate Professor, Smt. R. B. Patel Mahila Pharmacy College, Atkot, Gujarat
2. **Mr. Ashvin Savani**, Founder, Avinash Venture, Surat
3. **Dr. Kalpesh Lathiya**, Director, Medisun Life Sciences Pvt. Ltd.
4. **Dr. Nimesh Ramolia**, Radheshyam Multispecialty Hospitality

Observations from the invited jury:

- Some good potential projects having scalability with little improvisation & mentoring
- Pitching of ideas on pharmaceuticals/pharmaceutical research need long gestation period to reach to market.
- More improvisation needs to be done in terms of market study and product developed.
- Proper mentoring to the student teams, so that potential ideas don't end up as projects in Colleges and should reach to the market. *The invited experts decided to extend support to the selected applications wherever needed.*

Selected ideas for pitching to IDEAthons:

1. **Mr. Mitesh Thakkar**, Startup Company
Project: Gelatin Recycle
2. **Ms. Rishika Jain & Team**, SCET
Project: IOT based hospital bottle indicator
3. **Aditya Choumal:-SRICT**
Project: Microbial Fuel Cell
4. **Arun Chauhan**, Startup company Bi-Energies
Project: Compact biogas plant





**Applicants pitching ideas
before the Invited Jury &
Interaction with the experts
on their project ideas**



Invited Jury & experts with AIC & GISC Team

Evaluation & Validation of Ideas at GTU Innovation Council, Vadodara

Date: 23rd December 2019

Total Applications received: 88

Selected ideas for Presentation before jury: 63

Teams/Innovators pitched before the invited jury: 30

Venue: Gujarat Technological University Innovation & Startup Centre – Vadodara

Among the applications received for Ideathon in Vadodara, around 60% of the ideas were submitted by local Private University proficient in Pharma & life science research. Other ideas were related to Medtech innovations by Innovators of the region who have already worked on the idea and want to scale up & take forward. Other than, participation from renowned MS University with good research work done were demonstrated by the researcher.

Invited Experts:

1. **Dr. A.K. Seth**, Dean, Department of Pharmacy, Sumandeep Vidyapeeth, Vadodara
2. **Mr. Rohan Shah**, NovumLogic Technologies Pvt Ltd
3. **Mr. Ashish Bhavsar**, Technical Director, Inmed Equipments Pvt. Ltd., Wave Vision, Vadodara Innovation Council, India SME Forum – Vadodara Chapter

Observations from the invited jury:

- Projects in pharma domain with potential commercial but needs long time to reach market considering clinical practices.
- Some Medtech innovations were appreciated by Experts and encouraged for support for scalability & mentoring.
- Pitching by Students for their projects comparative to Faculty were more appreciated & praised.
- Jury stressed on ideas possible commercialization aspect and improved with proper guidance and industry connects.

Selected ideas for pitching to IDEathon:

1. **Darpan Kadu, Innovator**
Project: The smart wheelchair
2. **Namrata Parikh, Faculty, Parul Institute of Pharmacy**
Project: Development of Phytoconstituents Enriched Formulations on Brain Health and its Pharmacokinetic and Pharmacodynamic Profile
3. **Manthan Trivedi, Faculty of pharmacy, MSU Baroda**
Project: Application of smartphone for on-sight estimation of drug.
4. **Symphony Master, Ashwin Kujur, Reshna Nair, Parul Institute of Pharmacy, Parul University**
Project: Evaluation of MR-Pro ANP as a Prognostic Marker in Respiratory Tract Infections

Interaction of participants with Invited Jury, Dr. Chandan Chatterjee, CEO AIC-GISC, GISC



Applicants pitching ideas before the Invited Jury & Interaction with the experts on their project ideas



Invited Jury & experts with AIC & GISC Team

Evaluation & Validation of Ideas at Atal Incubation Center, Ahmedabad

Date: 24th December 2019

Total Applications received: 34

Selected ideas for Presentation before jury: 27

Teams/Innovators pitched before the invited jury: 15

Venue: Atal Incubation Center- Gujarat Technological University
IIT shed 5, B/H GTU admin building, Chandkheda, Ahmedabad

Though, more number of technical colleges in Ahmedabad, it was observed less number of applications were received for IDEathon, considering more number of Incubators in the region. Moreover, Good Medtech innovations projects were eye witnessed by the invited jury and good team projects having potential market were observed in pitching session by Ahmedabad Homeopathic Medical College in Healthcare domain. Some demonstrable prototypes like COPD analyzer by one of the Startup founder of Ahmedabad & research & way forward for blood type testing were appreciated by experts.

Invited Experts:

1. **Mr. DL Pandya**, CEO, Pandya & associates, Ahmedabad
2. **Mr. Sanket Patel**, Glide Technologies
3. **Ms. Dhara Thakore**, i-Hub, SSIP-GKS

Observations from the invited jury:

- Despite low number of participant present for pitching, overall good projects were presented and appreciated.
- Student & Innovator team working in healthcare domains have good potential

Selected ideas for pitching to IDEathon:

1. **Siddhi Vora, Startup founder**
Project: COPD Analyzing Device
2. **Safina Sahil Suratwala, Faculty, U. V. Patel College of Engineering, Ganpat University**
Project: Hassle free blood typing
3. **Mohmmad Mansuri, Faculty, Sal College of engineering**
Project: AI doctor
4. **Vivekpuri Gangapuri Goswami, Student Startup, Government Engineering College Patan**
Project: Protection from Toxic Microorganisms Without Mask
5. **Johnson Varghese, Working Professional**
Project: Fever Indicating device which sounds an alarm once the kid develops fever



**Student pitching
their idea before
jury**



AIC team with invited jury

Outcome:

The outcome of the IDEathon facilitates not only screening but evaluation and mentoring the innovative business ideas came for presentation thereby encouraging the students/innovators to develop more onto their project idea with clarity.

Evaluation of ideas for IDEathon resulted in discovery of about 15-16 technology ideas/projects which may have potential to commercialize, that enable us to take them to viable enterprise in domains of Healthcare & Medical Devices.

Way Foreword & future action plan:

With first round of IDEathon, the next round have some modifications which include financial assistance to the Participating team for purchase of chemicals, access to incubation facility & mentor network to carry out their research. It is proposed to organize an interaction cum mentoring session for innovators to learn about pitching right before the final day - IDEathon. Atal Incubation Center will also explore the possibility of mentoring the ideas pitched before the jury and to turn their thought process into the next level.