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ATAL INNOVATION MISSION

E-Newsletter

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ATAL INCUBATION CENTRE

**JYOTHY INSTITUTE OF
TECHNOLOGY FOUNDATION**

(Supported by Atal Innovation Mission, NITI Aayog, Govt. of India)

Thathaguni, Off Kanakapura Road, Bengaluru – 560 082, Karnataka.



JEEVA VAYU
EMERGENCY VENTILATOR

High Efficiency
Emergency Ventilator



<https://www.aicjitf.org>

ON CAMPUS INCUBATION FACILITY



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A BRIEF INTO **AIC-JITF**

Atal Incubation Centre - Jyothy Institute of technology Foundation (AIC-JITF) is an incubation center supported by AIM, NITI-Aayog, Govt of India. It marks a new era in the field of scientific entrepreneurship enabling aspiring individuals, students and faculties to incubate and to build their start-up Ventures.

AIC-JITF is housed in Jyothy Institute of Technology which also has a state of art R & D center - CIIRC.



FOCUSED THRUST AREAS

- **Food Technology**
- **Materials**
- **Devices and Sensors (IoT)**

OBJECTIVES

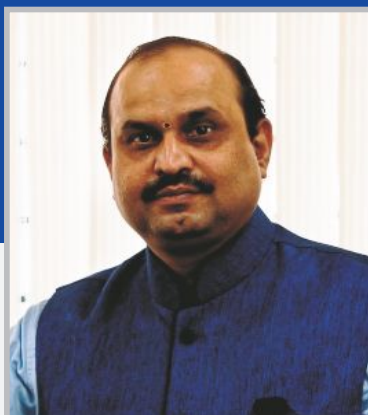
- **Support, nurture, innovate technology based start-ups.**
- **Guidance on business planning, go-to-market and financial advisory**

Key Features:

- AIC-JITF provides 360° support for incubation.
- Facilitates Mentoring Support from renowned scientists and successful entrepreneurs.
- Better networking with Investors.
- Necessary assistance on Seed Funding, Grants and loan facilities for Start-Ups.
- Pre-Incubation support.
- Technology and IP facilitation services.
- Facilitate access to labs, investors, innovators, market access and other resources.



EDITOR'S DESK



Dear Associates and Readers,

Greetings from AIC-JITF..!

Pandemic has changed the way we live and so as to the business operations. Now built to last is a thing of past but build to adapt could be the way to go. It didn't take much time for AIC-JITF to resume its full fledged operations with new SOPs in place.

We feel proud to announce that our incubatee, "Machbee" has developed low cost emergency ventilator which is operational at Ernakulam Government Hospital waiting for commercial rollout. Kudos to Machbee team and expecting few more such need of the hour innovative solutions / products from our incubatees to combat the Covid-19 pandemic.

AIC-JITF has hosted Covid-19 demo day organized by AIM in partnership with other relevant ministries. Several startups with solution to address the current crisis, have pitched their ideas. AIC-JITF has shared the stage of YouTube live session organized by AIM.

We Thank AIM for its initiative program iCREST in partnership with Bill & Milinda Gates Foundation and implemented by Wadhwani Foundation to enable holistic progress in the incubator eco system. Indeed it was a very good platform to share the knowledge of best practices. Team of AIC-JITF has utilized the opportunity by active participation.

Pandemic has not stopped the enthusiastic entrepreneurs in reaching AIC-JITF, as a result several startups related to our thrust areas are on board and started their journey.

We take this opportunity to welcome and wish them all the best in building a successful enterprise.

With warm regards,

Dr. M G Anantha Prasad
CEO, AIC-JITF

Editorial Team



Mrs. Savitha Prakash
Incubation Manager



Mrs. Rama Jyothi
Incubation Associate



Ms. Swathi P.
Incubation Associate



Ms. Shravya R.
Incubation Associate



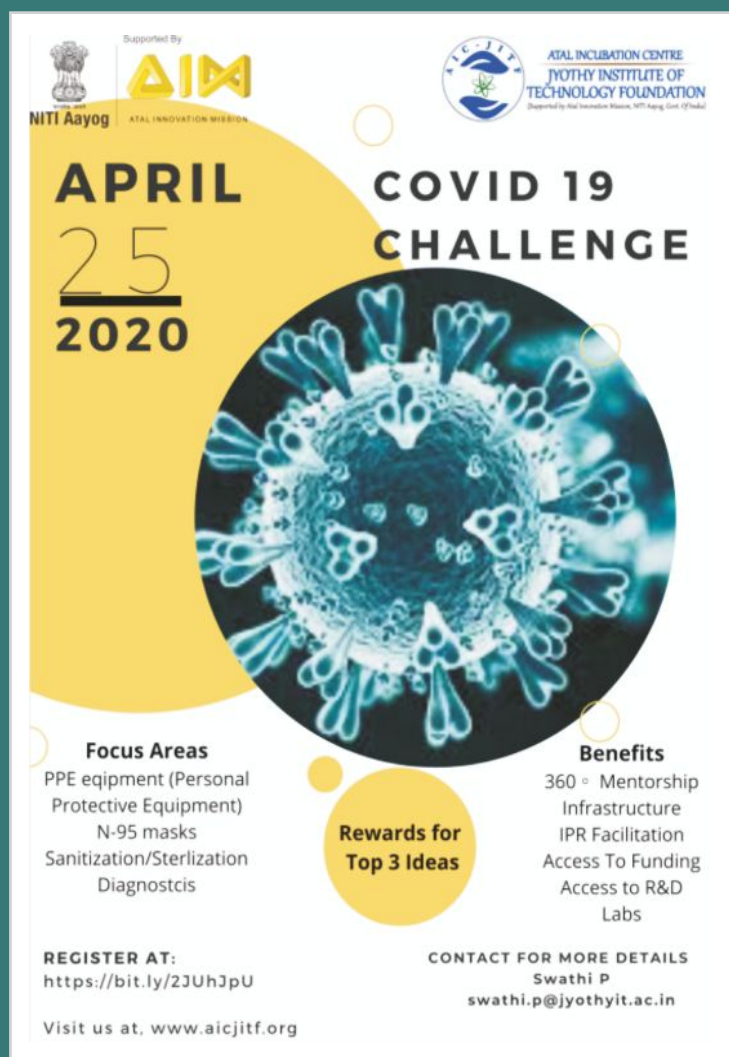
Mr. Nithin Kumar M.
Incubation Associate



Mr. Suresh H. D.
Incubation Associate

COVID-19 CHALLENGE

AIC-JITF has called for solutions, by organizing Covid-19 challenge on 25th April 2020.



The poster for the COVID 19 Challenge is primarily yellow and blue. It features a large blue virus particle in the center. Logos for NITI Aayog, AIM (Atal Innovation Mission), and the Atal Incubation Centre - Jyothy Institute of Technology Foundation are at the top. The text 'APRIL 25 2020' is prominent on the left. Below the virus image, it lists 'Focus Areas' (PPE equipment, N-95 masks, sanitization, diagnostics) and 'Benefits' (mentorship, infrastructure, funding access). A central yellow circle says 'Rewards for Top 3 Ideas'. At the bottom, it provides a registration link and contact details for Swathi P.

Focus Areas

- PPE equipment (Personal Protective Equipment)
- N-95 masks
- Sanitization/Sterilization
- Diagnostics

Benefits

- 360° Mentorship
- Infrastructure
- IPR Facilitation
- Access To Funding
- Access to R&D Labs

Rewards for Top 3 Ideas

REGISTER AT:
<https://bit.ly/2JUH3pU>

CONTACT FOR MORE DETAILS
Swathi P
swathi.p@jyothyit.ac.in

Visit us at: www.aicjitf.org

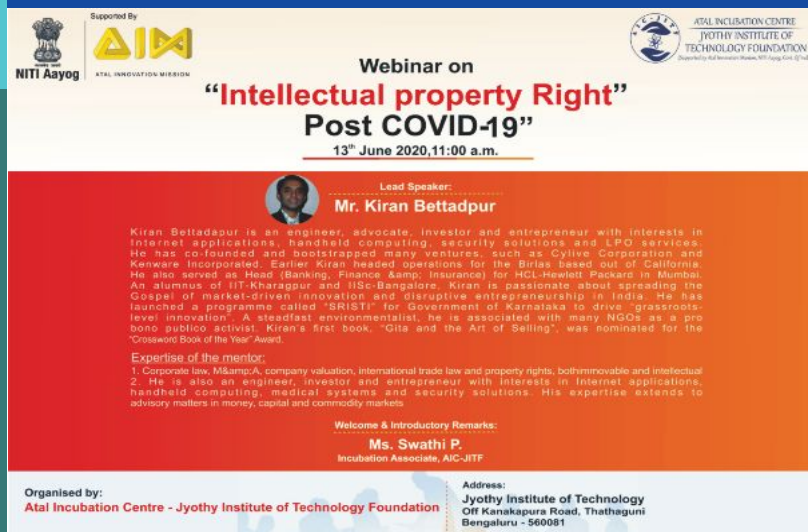
Funding opportunities for product development by Dr. Uma Maheshwari Devi

Dr. P. Uma Maheshwari, having more than 20 years of rich experience in the field of consultation and fund raising, undertook our session on the topic "Funding opportunities for product development" on June 19th 2020.

Dr. M. G. Anantha Prasad CEO of Atal Incubation Centre - Jyothy Institute of Technology Foundation introduced the speaker and welcomed the participants.

Speaker Dr. P. Uma Maheshwari with her vast Knowledge and experience, explained various funding opportunities from different agencies for product development. Participants made use of the program by expressing several queries on fund raising with the resource person.

WEBINAR & EVENTS



The webinar poster has a blue header with the title 'Webinar on "Intellectual property Right" Post COVID-19"'. It includes logos for NITI Aayog, AIM, and the Atal Incubation Centre - Jyothy Institute of Technology Foundation. The date and time are '13th June 2020, 11:00 a.m.'. The lead speaker is Mr. Kiran Bettadapur, with a small portrait. A detailed bio of Mr. Kiran Bettadapur is provided, highlighting his engineering background, entrepreneurial ventures, and awards. The poster also lists his expertise in corporate law, IPR, and various technologies. At the bottom, it mentions the organizer, Atal Incubation Centre - Jyothy Institute of Technology Foundation, and the address in Bengaluru.

Webinar on
"Intellectual property Right"
Post COVID-19"
13th June 2020, 11:00 a.m.

Lead Speaker:
Mr. Kiran Bettadapur

Kiran Bettadapur is an engineer, advocate, investor and entrepreneur with interests in internet applications, handheld computing, security solutions and LPO services. He has co-founded and bootstrapped many ventures, such as Cylix Corporation and Kenware Incorporated. Earlier Kiran headed operations for the Birlas based out of California. He also served as Head (Banking, Finance, Insurance) for HCL-Hewlett Packard in Mumbai. An alumnus of IIT-Kharagpur and IISc-Bangalore, Kiran is passionate about spreading the Gospel of market-driven innovation and disruptive entrepreneurship in India. He has launched a programme called "BRIST" for Government of Karnataka to drive grassroots-level innovation. A steadfast environmentalist, he is associated with many NGOs as a pro bono publico activist. Kiran's first book, "Gita and the Art of Selling", was nominated for the "Crossword Book of the Year Award".

Expertise of the mentor:

1. Corporate law, M&A, company valuation, international trade law and property rights, both immovable and intellectual
2. He is also an engineer, investor and entrepreneur with interests in internet applications, handheld computing, medical systems and security solutions. His expertise extends to advisory matters in money, capital and commodity markets

Welcome & Introductory Remarks:
Ms. Swathi P.
Incubation Associate, AIC-JITF

Organised by:
Atal Incubation Centre - Jyothy Institute of Technology Foundation

Address:
Jyothy Institute of Technology
Off Kanakapura Road, Thathaguni
Bengaluru - 560081

Intellectual Property Rights by Mr. Kiran Bettadapur

When a startup patents its ideas, it is the only entity that can take advantage of creating products or services using its patents. This allows it to create unique products and services that have a good chance of success, thereby increasing profits. Intellectual Property Rights allows a startup that has developed an innovative device to compete effectively against large companies after patenting its invention.

To emphasize the importance of IPR, AIC-Jyothy Institute of Technology Foundation has organised a webinar for aspiring entrepreneurs by Mr. Kiran Bettadapur, Mentor AIC-JITF and serial entrepreneur who bootstrapped many ventures, on June 13th 2020.

Students, Faculty Members, Academicians and Individual Entrepreneurs from different institutions and organizations have participated in the session. Speaker gave good insights on Intellectual Property Rights and its role in establishing a Startup venture.



The poster for the webinar 'Funding opportunities for Product Development' features logos for NITI Aayog, AIM, and the Atal Incubation Centre - Jyothy Institute of Technology Foundation. The title is in red and black text, with the date and time 'on 19.06.2020 at 11:00 a.m.'. The lead speaker is Dr. P. Uma Maheshwari Devi, with a small portrait. Her bio mentions her role as a professor at Sri Padmavathi Mahila Viswa Vidyalayam and her various awards. The poster also lists her memberships in scientific bodies and her publications. At the bottom, it mentions the welcome and introductory remarks by Dr. M. G. Anantha Prasad, CEO of AIC-JITF.

WEBINAR ON
Funding opportunities for Product Development
on 19.06.2020 at 11:00 a.m.

Lead Speaker :
Dr. P. Uma Maheshwari Devi
Professor
Sri Padmavathi Mahila Viswa Vidyalayam

Dr. P. Uma Maheshwari Devi is Professor at Sri Padmavathi Mahila Viswa Vidyalayam (Women's University) Tirupati and Director of IQAC, SPMVV. She is a Gold Medal Winner in M.Sc and has received Young Scientist Award in Indian Science Congress. She has received the Award State Best Teacher from Government of Andhra Pradesh.

Having Memberships in many scientific bodies to name a few Life Member of Indian Academy of Current Science, Life Member of Indian Science Congress, and Life Member in Microbiology Society. Dr. Uma Devi has 55 publications, 11 Books 7 Books chapters and a patent to her credit. As Associate Dean International Relations, successfully initiated four levels Diploma Programme in Music and Dance to the students in the USA in association with TANA University, USA & initiated International Ph.D. Programme by framing the guidelines.

Welcome and Introductory Remarks :
Dr. M. G. Anantha Prasad
CEO, AIC-JITF

COVID-19 DEMO DAYS

In order to mitigate the impact of COVID-19, the Government of India Inter-Ministerial Working Group has been set up to identify promising startups that can offer innovative solutions to address the current crisis. The Atal Innovation Mission (AIM) and NITI Aayog are managing this initiative in partnership with other government bodies including Biotechnology Industry Research Assistance Council (BIRAC), Department of Biotechnology (DBT); Department of Science and Technology (DST), Startup India, AGNii, and other Ministries.

A total of Nine Demo Days for Medical Devices, PPE, Sanitization, Technology solutions, etc were held and led by Mission Director AIM, NITI Aayog Mr. R. Ramanan. AIC-JITF has taken part in this initiative by organising a platform for startups to present their innovative ideas/ solutions to combat Covid-19, on 26th and 30th June 2020.

A total of 10 COVID-19 related startups have been participated in demo day on AIC-JITF platform.



Demo Days by GoI Task Force

Showcasing startups with innovative solutions to combat COVID-19.
Inviting industry leaders, mentors, donors & investors to register.

Register Now!



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Webinar on

Boost your Digital Marketing skills by designing an attractive website using Django

Speaker

Sindhu Sumukha,
Senior Software Engineer
Netapp India Pvt Ltd

July 28th, 2020
11:00 am to 12:00 pm

Register Here, <https://bit.ly/39ikqxs>

"Boost your digital marketing skills by designing an attractive website using Django" by Ms. Sindhu Sumukha

The less startup business spends on initial costs, the more it can enjoy high profits. Reducing costs can benefit the startups in many ways. By reducing extra expenses means increase in startup working capital. A startup can allocate these funds into other business operations.

One way of reducing the initial cost is designing a free website. So to give awareness on this emerging technology, AIC-Jyothy Institute of Technology Foundation has organised a webinar on "Boost your digital marketing skills by designing an attractive website using Django" by Ms. Sindhu Sumukha, a senior software engineer Netapp India Pvt Ltd on July 28th 2020.

The session focused on Web Application, Framework, Competitive Analysis, Uses of Django, Architecture, Pre requisites and Installation of Django.

"Sensitizing to the techniques of innovation" by Mr. Bhaskar Dutta Sharma

Innovation is the dominant characteristic of entrepreneurship associated with commercial success. Innovative enterprises achieve stronger growth & Competitiveness.

With following takeaways, AIC-Jyothy Institute of Technology Foundation has organised a webinar on "Sensitizing to the techniques of innovation" by Mr. Bhaskar Dutta Sharma, Mentor AIC-JITF on 30th July 2020.

Takeaways of the session:

- Awareness of what is Innovation-types of Innovation-space
- Is innovation a part of a change process
- How Innovation contributes to Entrepreneurial and Business Success
- Drivers of Innovation
- Come to AIC-JITF setting of your leadership & entrepreneurial dreams

Speaker with his vast experience shared the knowledge on Innovation Techniques and how it is contributing to the entrepreneurship etc. He shared many success stories with the participants and inspired them to cultivate the entrepreneurship culture. Session was interactive and received a very good response.



Webinar on

Sensitizing to the techniques of Innovation

Date : 30th July 2020
From 11:30 AM to 12:30 PM

Registration Link:
<https://bit.ly/2Cu7d8R>

Key Takeaways :

- Awareness of what is Innovation and Key Drives
- How innovation contributes to Entrepreneurial/ Business Success
- Four dimensions of Innovation Space

Mr. Bhaskar Dutta Sharma
Mentor, AIC-JITF

Contact:
Ms. Shravya R
9916689134

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Get your ideas funded by Dr. Uma Maheshwari Devi



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ATAL INNOVATION MISSION

GET YOUR IDEAS FUNDED

 **August 3rd, 2020**

 **11:00 am -12:15 pm**

Register here, <https://bit.ly/2WGpCpW>

Speaker


Dr. P Uma Maheshwari Devi
Coordinator, TOCIC-PRISM,
DSIR
Professor, SPMVV, Tirupati

Funding is essential for improving technology and launching a comprehensive marketing strategy to get a foothold in the market. However, sourcing enough money to start a new venture can be difficult.

To throw light on this, AIC-Jyothy Institute of Technology Foundation has organised a webinar on “Get your ideas funded” by Dr. Uma Maheshwari Devi, Professor, Sri Padmavathi Mahila Viswa Vidhyalayam Tirupathi on 3rd August 2020.

Speaker gave insights on different funding agencies from State and Central Government and other independent agencies as well.

Dr. M G Anantha Prasad, CEO AIC-JITF has shared the stage as panelist on YouTube live session on “Enabling rapid Prototyping in Incubation Centres” organized by Atal innovation Mission on 6th August 2020. Other panelists participated in the session were Mr. Pavan Kumar, Founder & Director, Workbench Projects Co-Founder & Director of ARTILAB Foundation and Dr. Madan A Senthil, Chairman of Rathinam Group.

The session was moderated by Ms.Mallika Bhasin and Mr. Ronak Jogeshwar from Atal Innovation Mission.

Participation at AIM iCREST



Atal Innovation Mission (AIM), has launched AIM iCREST an Incubator Capabilities enhancement program for a Robust Ecosystem focused on creating high performing Startups in partnership with Bill & Melinda Gates Foundation and Wadhvani Foundation to showcase the proven best practices to the AIM's incubator network.

AIC-JITF team has participated in iCREST training program actively and utilized the opportunity to hone the skills and meet the intended purpose.

AIC- Jyothy Institute of Technology Foundation is proud to be recognised in Top 5 Incubation Centres in India in AIM-iCREST Program.



YouTube Live Session on “Enabling rapid Prototyping in Incubation Centres”



YouTube Live
Enabling Rapid Prototyping in Incubation Centres


Dr. M G Anantha Prasad
CEO, Atal Incubation Centre - Jyothy Institute of Technology Foundation


Mr. Pavan Kumar
Founder & Director, Workbench Projects Co-Founder & Director, ARTILAB Foundation


Dr. Madan A Senthil
Chairman of Rathinam Group

 **4:00 PM Onwards**  **6th August 2020**

Covid 19 Innovations from AIC - JITF Startups:

Our Incubatee Machbee in association with other startups has developed low cost emergency ventilator which is operational at Ernakulam Government Hospital. The ventilator has been named as Adishankara Jeeva Vaayu.

This product has been developed by Machbee, in association with iCube Design Studio and RIOD Logic Pvt Ltd. Machbee has been incubated at AIC-Jyothy Institute of Technology Foundation (AIC-JITF). The other two companies iCube Design and RIOD Logic are incubated at ASIET, Kalady, Kerala, which is working with AIC-JITF in Co-Incubation model. An expert team from the Department of Biomedical Engineering, Lisie Hospital, Ernakulam not only supported in the product design but also in validation of the same along with members of ASIET.

Minister for Agriculture V. S. Sunil Kumar handed over the emergency ventilator in the presence of the college and Health authorities. "It is the first emergency ventilator developed by an engineering institute under the Kerala Technological University (KTU). It includes all technical specifications like pressure monitoring, volume control, airflow monitoring, and backup battery mechanisms," said Ajay Basil Varghese, nodal officer, Technology Business Incubator and Innovation and Entrepreneurship Development Centre under the institute.



JEEVA VAAYU EMERGENCY VENTILATOR

high efficiency emergency ventilator



MoUs & COLLABORATIONS

AIC-JITF continued to strengthen its network by inking collaborations with several educational institutions and corporate companies related to AIC-JITF thrust areas.

Corporate tie ups:

- AIC - Great Lakes Balachandran Foundation
- MODTECH
- JSS ATE STEP
- AIC - NITTE Incubation Center
- Swakit Biotech Pvt. Ltd.

Academic Partnerships:

- APS College of Engineering, Bangalore
- Bapuji Institute of Engineering and Technology, Davangere
- Adarsh Institute of Management and Information Technology, Bangalore
- Sairam College of Engineering, Bangalore



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**TAILORED
PLATFORM FOR
EVOLUTIONARY
IDEAS:
AIC-JITF**



This is the time to recognize the opportunity, try yourself and move towards new heights.

- Sri. Narendra Modi

Hon'ble Prime Minister of India

To know more about A I C - J I T F ,
Please visit our website: www.aicjitf.org