COMBAT COVID-19 SERIES PRODUCT LAUNCH

Bangalore Bioinnovation Centre

Department of Electronics, IT & Bt, Government of Karnataka

Karnataka Innovation & Technology Society

Contents

Combat COVID 19 Series
Product Launch

Program Brief:

Program Name:	**Combat COVID 19 Series – Product Launch**
Stakeholders:	1. Dr. Ashwath Narayan C N, Hon'ble Deputy Chief Minister, Government of Karnataka, Minister of Higher Education, Electronics, IT, BT, Science & Technology, Skill Development, Entrepreneurship and Livelihood, Government of Karnataka 2. Dr. Anita Gupta, Head, National Science & Technology Entrepreneurship Development Board (NSTEDB) and Advisor. DST, Government of India 3. Dr. E V Ramana Reddy, Additional Chief Secretary to Hon. Chief Minister and ACS, Department of Electronics, IT, BT and S&T, Government of Karnataka 4. Smt. Meena Nagaraj, Director, Department of Electronics, IT, BT and S&T, and Managing Director, KITS, Government of Karnataka 5. Prof. H S Subramanya, Director IBAB and Biocon Chair 6. Ms. Poyni Bhatt, CEO, SINE, IIT Bombay 7. Prof. Santosh Gharpure, Department of Chemistry, IIT Bombay 8. Dr Sharath Chandra 9. Dr Jitendra Kumar, Managing Director, Bangalore Bioinnovation Centre 10. Prof K VijayRaghavan, Former Director of the National Centre of Biological Sciences 11. Prof K Kumar
Date:	Combat COVID 19 Challenge Launch – 30th March 2020 Product Showcase 1 - 14th May 2020 Product Showcase 2 – 7th June 2020 Product Showcase 3 – 6th August 2020 Product Launch – 9th September 2020
Venue:	Vidhana Soudha, Bengaluru
Duration of Event:	5 Months
No. of Participants:	Combat COVID 19 Challenge – 356 Startups Combat COVID 19 Series - Product Launch - 22 Startups
URL:	https://startup.karnataka.gov.in/wp-content/uploads/2020/10/Shortlist-Innovations-to-Combat-Covid19_-E-Book-min.pdf

Program Agenda:

AGENDA

Time	Activity
11:00 am - 11:05 am	Welcome note
11:05 am - 11:10 am	Opening remarks by Dr. Jitendra Kumar, Managing Director, Bangalore Bioinnovation Centre (BBC)
11:10 am -11:15 am	Welcome Address by Dr. E V Ramana Reddy, IAS, Additional Chief Secretary to Department of Electronics, IT, BT and S&T, Government of Karnataka
11:15 am - 11:25 am	Special Address by Prof. K. Vijayraghavan, Principal Scientific Adviser, Government of India
11:25 am – 11:30 am	Addressing the session by Smt. Meena Nagaraj C N, Director, Department. of Electronics, IT & BT and Managing Director, KITS, Government of Karnataka
11:30 am – 11:40 am	MoU Signing Ceremony IIMB: Dr. Venkatesh Panchapagesan, Entrepreneurship - Secondary Member Chair, NSRCEL BBC: Dr Jitendra Kumar, Managing Director, BBC Address by Prof. K. Kumar, Dean, Alumni Relations & Development, IIMB, Bangalore
11:40 am – 12:15 pm	Inaugural Address and product launch by Dr Ashwath Narayan C N, Deputy Chief Minister and Minister of IT & BT, Karnataka and interaction with innovators
12:15 am – 12:30 pm	Media interaction

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Program Overview:

As the world confronts the pandemic and Bengaluru being the "Startup Capital of India", Karnataka has taken a leadership position in leveraging the innovation ecosystem in the State to tackle the COVID-19 situation. The Startups expressed interest in fighting this pandemic with their innovative solutions/products. Keeping in view the challenges faced by the society and the Government in tackling the pandemic, the Karnataka Startup Cell, Department of Electronics, IT, Bt and S &T launched an online campaign, "Combat COVID 19 Challenge", on 30th March 2020. This campaign was aimed at narrowing-down innovative solutions offered by various Startups, Corporates, Institutions, etc. across a myriad of challenges set forth by the COVID pandemic.

Karnataka Startup Cell received 356 applications from Startups/ Institutions across multiple sectors such as Agriculture, Healthcare, Biotechnology, Education, Food & Beverages,

Logistics, Robotics, Automotive, Telecommunication & Networking, Travel & Tourism and many more. These products/ solutions have been evaluated by a team of experts nominated by industry associations and based on the scores awarded, 103 applications were shortlisted. Finally, 22 startups whose products/ solutions which were deployed and had basic compliance certifications featured in the Karnataka Startup Showcase Event held on 9th Sep'2020.

Program Objective:

The main objective of the challenge was to recognize the efforts of the Startups who have been at the forefront of solving the problems created by the pandemic, by developing solutions/products that will help economies return to normal.

Evaluation of Startups:

❖ Stage#1: Data Sufficiency
  ➢ The Startup Cell Team members checked the received applications for duplications and repeated applications.

❖ Stage#2: Online Evaluation by Jury Members nominated by Industry Associations
  ➢ The online evaluation comprising of two-member jury was nominated by various Industry Associations like NASSCOM, TIE, ABLE, IESA, ABAI and K-tech COE in IOT. Eminent Doctors from leading Super-specialty Hospitals and Professors from prestigious Universities also formed the panel of jury members.
  ➢ The applications were broadly classified under 04 major sectors such as:
    ▪ IT/ITES
    ▪ Biotechnology
    ▪ Health/Medicine Technology and
    ▪ Electronics System Design Manufacturing (ESDM)
  ➢ A team comprising of 2-member sector expert jury evaluated the applications online and scored based on the following 05 parameters. The maximum marks is 100.
    I. Innovation (20 Marks)
      ✓ Innovation Is the proposed product/ solution novel and innovative w.r.t COVID 19 Situation?
      ✓ Is it addressing the pain areas/ problems faced during COVID19?
    II. Team Strength & Capability (20 Marks)
      ✓ How strong is the founding team and it is capable to develop the solution?
      ✓ Does the qualifications of team members, supports the innovation or sector which they are working in?
    III. Feasibility & Social Impact? (20 Marks)

- ✓ Is the proposed product/ solution really feasible from all angles?
- ✓ Can it be accessible and economical to all sections of society?
  - IV. Timeline, Deployment & Reach (20 Marks)
    - ✓ Is the timeline provided by the applicant realistic considering the current and futuristic trends of the positive cases of COVID19 in the country?
    - ✓ To what extent does the innovation can assist in saving lives?
  - V. Scalability & Regulatory hurdles (20 Marks)
    - ✓ Is the product/ solutions scalable in terms of numbers and mass produce?
    - ✓ Does it have dependency either for a specific skill set or raw material which is scarce/ difficult to source in the time of COVID19 crisis?
    - ✓ Do you foresee any major regulatory hurdles?
    - ✓ Does it have any conflict/ impact on Legal, Medical/ Health, Ecological/ Environment etc.
- ❖ Stage#3 Compilation of scores
  - ➢ Based on the above parameters and evaluations by the sector experts, the scores were compiled across III phases.
- ❖ Stage#4 Shortlisting of Applicants
  - ➢ Across III phases, innovative product/ solutions were short listed based on the scores scored by independent jury members nominated by Industry Associations.

Program Outcome:

- ❖ The shortlisted Startups / Institutions and a brief of their products / services was circulated to all the Departments under the State Government, Vision Group members and Industry Associations.

- ❖ The Department organized "Startup Karnataka Showcase – Innovations to Combat COVID-19" on 9th September 2020. Hon'ble Deputy Chief Minister of Karnataka. Dr. Ashwathnarayan C N in the presence of Dr. E.V. Ramana Reddy, IAS, Additional Chief Secretary, Department of Electronics, IT, Bt and S & T, Government of Karnataka and Smt. Meena Nagaraj C N, Director Electronics, IT and BT and Managing Director, KITS, Government of Karnataka, unveiled 22 Startup innovations to combat COVID-19. An E-Booklet on 22 Startups and their innovations along with 87 shortlisted product / solutions combatting COVID-19 was released on the occasion. Also, the Department issued Certificate of Recognition to all the 22 Startups.

Program Showcase:

LIVE SET-UP AT VIDHANA SOUDHA

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