



INNOVATION FOR GOVERNMENT (I4G) DAY 2021

18th NOVEMBER 2021

THIRUVANANTHAPURAM, KERALA

K-DISC, on behalf of the Government of Kerala, invites Startups and Other Interested Entities to present, showcase and/or demonstrate potential Emerging Technology based products/solutions for adoption by the Government of Kerala

With an eye on preparing Kerala for the age of future technology, the fourth Industrial Revolution, the Government of Kerala has taken many pointed measures for building up a conducive ecosystem to promote a culture of Innovation and Entrepreneurship in the state. Kerala has steadily established itself as one of the few tech-focused ecosystems in the country, enabling entrepreneurs and innovators to explore state-of-the-art technology applications based on Blockchain, Distributed Ledger, Big Data & Analytics, Artificial Intelligence (AI) & Machine Learning (ML), Internet of Things (IoT), Augmented Reality (AR) & Virtual Reality (VR) etc.



A culture that fosters innovation requires a few factors to work together synchronously – rapid technology transitions, participation of stakeholders and their cross-communication, willingness to take risks and, of course, the rise of players to take up the critical roles of early receptors/adopters and champions. The Government understands the role it must play as a champion of these Emerging Technologies to help accelerate this transition and is aggressively exploring opportunities to adopt products, solutions with strong business cases and/or social impact cases. As a strategic advisory council to the Govt of Kerala, Kerala Development & Innovation Strategic Council (K-DISC) seeks from the Start-up ecosystem at large such Emerging Technology-based products/solutions to help the Govt identify, adopt and transition to, a “push innovation” strategy.

ABOUT K-DISC

Kerala Development & Innovation Strategic Council (K-DISC) was set up as a strategic think-tank and advisory body by the Government of Kerala in March 2018. K-DISC strives to bring out path-breaking strategies that reflect new directions in technology, product and process innovations, social shaping of technology, aimed towards creating a healthy and conducive ecosystem for fostering innovation in the state of Kerala. K-DISC’s mandate also covers triggering a broad spectrum of developmental interventions in the state to ensure inclusive growth.

One of the many unique endeavours of K-DISC is accelerating the adoption of emerging technologies within the Government’s departments and their functioning, by helping identify and articulate potential efficiency and efficacy gaps, scouting for and curating potential Emerging Technology-based solutions and suitable providers of such products/solutions before hand-holding the Government through piloting the solutions to bridge the gaps. K-DISC has worked with over 7 (SEVEN) departments and has helped identify more than 30 (THIRTY) unique Emerging Technologies-based solutions since its inception in March 2018. A few of the Emerging Technology initiatives piloted by K-DISC are in the process of being scaled up for the entire State of Kerala.



INVITATION TO SHOWCASE CUTTING-EDGE TECHNOLOGY SOLUTIONS

In order to engage more effectively with the diverse entrepreneurial ecosystem, and to find the next big ideas that will enhance the effectiveness of the Government of Kerala, K-DISC is excited to invite Start-ups and other interested entities to share, present, demonstrate and/or showcase their innovative products, solutions for a chance to explore implementation of their solutions and work with the various Departments within the Government.

K-DISC expects to invite eligible and relevant entities to a special showcase event, INNOVATION FOR GOVERNMENT (I4G) DAY 2021, on the 18th of NOVEMBER 2021 at Thiruvananthapuram, Kerala (*venue will be informed to the shortlisted candidates*) where they will be presenting, showcasing and/or demonstrating their specific Emerging Technology-based products or solutions before a TECHNICAL EVALUATION PANEL, consisting of Government representatives, Technical experts and Business experts. Entities with proven and demonstrated products or solutions involving the following Emerging Technologies will be prioritised:

- Blockchain
- Artificial Intelligence (AI) / Machine Learning (ML)
- Big Data & Analytics
- Augmented Reality (AR) / Virtual Reality (VR)
- Internet of Things (IoT)
- Robotics & Process Automation (RPA)
- Electric Mobility (E-Mobility)
- Other cutting-edge Emerging Technologies

More details regarding the event will be provided to those start-ups/entities who apply online before the last date mentioned, and are found to be relevant to the requirements specified herein when they will be invited for presenting their products or solutions or innovations as part of the I4G DAY 2021.



THEMATIC FOCUS AREAS FOR PRESENTING PRODUCTS / SOLUTIONS

In its Second edition, K-DISC through the I4G DAY 2021 would try to avoid an overkill by maintaining focus on generating leads of at least a few solutions worth pursuing implementation of, aligned with the high priority themes and policy initiatives of the Govt of Kerala. Products and/or solutions clearly offering and demonstrating value and synergy in these thematic areas would be prioritised for the showcase / demonstration. The thematic areas selected for I4G DAY 2021 are:

1. AGRICULTURE
2. HEALTH
3. LAW & ORDER / ADMINISTRATION / POLICE
4. WATER RESOURCES
5. DISASTER MITIGATION & MANAGEMENT
6. MODERNIZATION OF GOVERNMENT
7. OTHER EXCEPTIONAL INNOVATIONS FOR GOVERNMENT

WHO CAN AND SHOULD APPLY

Entities interested in presenting, showcasing and/or demonstrating their innovative products / solutions must have market-ready solutions, i.e. products / solutions being considered for showcase must have been implemented in the field, with proven, demonstrable, measurable and quantifiable value/utility for adoption by the Govt. of Kerala. Entities whose products or solutions have been piloted or implemented successfully or are being piloted / implemented, directly or indirectly, for the Central Govt or any State Govt in India, are the ideal entities that K-DISC would invite to present their success stories at I4G DAY 2021.

In addition to that, interested entities must satisfy any ONE of the following eligibility criteria to apply to be part of I4G DAY 2021:



START-UPS

Any start-up or entrepreneurial venture is eligible to apply to showcase their Emerging Technologies-based products and/or solutions at the I4G DAY 2021.

Definition of startup : any legal entity with registered office in India will be considered a startup,

- Till upto 10 years from its incorporation date.
- If an entity's turnover for any of the financial years since its incorporation hasn't exceeded INR 100 Cr.

OTHER INTERESTED ENTITIES

To keep the process as universal and inclusive as possible, other interested entities, legally registered in India, who have exceptional, proven and demonstrated innovative solutions involving cutting-edge Emerging Technologies are eligible to apply to present and showcase their solutions at the I4G DAY 2021.

HOW TO APPLY

Interested entities – Start-Ups, NGOs or other entities – must APPLY online via the form hosted on the K-DISC website <https://kdisc.kerala.gov.in/index.php/i4g2021> before **23 : 59: 59 IST 25th OCT 2021**.

For this, interested entities must log on to <https://kdisc.kerala.gov.in/index.php/i4g2021> and click on APPLY NOW. This will direct them to the online application form. The online application form may be directly accessed at

<<https://forms.zohopublic.com/keralastartupmission/form/EmployeeSatisfaction/formperma/u848m5C4SbdNqRynhFW09yRfhXytC9M86XiPljriJO4>>

Here, details of the interested entity and applying representative or authorised Point of Contact (PoC) will have to be entered as required/instructed in the Application Form. Proceed by following further instructions and at the end of the application, check the relevant tick boxes and hit "SUBMIT".



Upon successful submission, the authorised PoC will receive a confirmation email at the email address provided during the application process. In case any additional information is deemed necessary, the PoC will be contacted by K-DISC via email or phone call. Detailed Guidelines for the Application and the General Terms & Conditions of the Application and Participation in I4G are also included at the end of this document for reference.

ONGOING INITIATIVES AND CASES

K-DISC has initiated more than 25 Emerging technology projects, across various Government Departments since its inception in March 2018. K-DISC is continuously exploring a diverse portfolio of Emerging Technologies including Blockchain, Distributed Ledger, Artificial Intelligence (AI), Machine Learning (ML), Augmented Reality (AR) / Virtual Reality (VR), Internet of Things (IoT), Big Data & Analytics, Robotics & Process Automation etc for relevant applications in solving the problems of Government Departments and agencies.

In order to help interested entities in understanding the role of Emerging Technology-based applications in the kind of solutions that K-DISC is looking for on behalf of the Government of Kerala, here are some model cases that K-DISC has initiated and brought to pilot stage – cases where the right technology and architecture of the solutions have helped solve critical issues and broaden impact, thereby improving the efficiency and effectiveness of the involved Department.

- 1. BLOOD BAG TRACEABILITY using Blockchain & IoT / DEPT. OF HEALTH**
- 2. SMART CROP INSURANCE using IoT and Blockchain / DEPT. OF AGRICULTURE**
- 3. SCREENING FOR DIABETIC RETINOPATHY using AI and ML / DEPT. OF HEALTH.**
- 4. ARTIFICIAL INTELLIGENCE BASED FACIAL RECOGNITION / LAW ENFORCEMENT-POLICE DEPARTMENT**
- 5. ANTIBIOGRAM APPLICATION USING CONVERSATIONAL ARTIFICIAL INTELLIGENCE / DEPT. OF HEALTH**



6. **E-WALLET SYSTEM FOR COLLECTION OF PAYMENT / KERALA WATER AUTHORITY**
7. **KERALA LAND RECORDS MANAGEMENT USING BLOCKCHAIN / REGISTRATIONS DEPARTMENT**
8. **AR/VR BASED TRAINING / KERALA POLICE ACADEMY- POLICE DEPARTMENT**

SCREENING OF APPLICATIONS FOR PARTICIPATION IN I4G DAY 2021

Due to limitations of time, only a limited number of presentations / demonstrations can be accommodated on i4G day. Therefore, to get the best out of this exercise, K-DISC will scrutinise and prioritise applications, based on the details provided by the interested entities. Some of the broad criteria / considerations that K-DISC and K-DISC nominated experts will use to prioritise applications in order to invite the final set start-ups/entities for presentation at the I4G Day 2021 are: (please note that these are listed in no particular order of preference)

1. Eligibility and Type of Entity – Start-ups would be given priority
2. Relevance of the product / solution to the selected thematic areas for I4G Day 2021
3. Relevance of the product / solution to Government functioning and activities
4. Market readiness and ease of implementation of the product / solution
5. Effective and efficient use of core Emerging Technology in product / solution
6. Number of Adopters, Users or Customers actively using the product / solution
7. Impact of the product / solution on the activities and functioning of existing users
8. Successful direct or indirect implementation in a Central or State Govt program or application

IMPORTANT DATES | I4G DAY 2021

Notification & Circulation of Invitation to Start-ups / Other Interested Entities to apply to participate in Innovation for Government (I4G) Day 2021	09TH OCTOBER 2021
START of Application Window for I4G DAY 2021	09TH OCTOBER 2021



INNOVATION FOR GOVERNMENT (I4G) DAY 2021
18TH NOVEMBER 2021 @ TRIVANDRUM, KERALA



CLOSE of Application Window for I4G DAY 2021	25TH OCTOBER 2021
INNOVATION FOR GOVERNMENT (I4G) DAY 2021	18TH NOVEMBER 2021

For any queries or clarifications, please contact during business hours (10 AM to 5 PM):

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2. **Ashok K Panjikaran** (akp@startupmission.in, +91 94477 13627)

CONTACT DETAILS

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