



LEADING TRANSFORMATION THROUGH INCLUSIVE INNOVATION



Kerala has a rich track record of gains in education, health, governance, grassroots movements and environmental sustainability. Today, the state is confronted with second-generation issues in many key sectors. Kerala is facing challenges of providing holistic health care, employment-oriented skilling, providing high quality social security, gender justice and inclusion of marginalised, all within severe fiscal constraints. The state also must address decades of infrastructure deficit and make rapid strides in cutting edge areas of knowledge revolution and tourism.

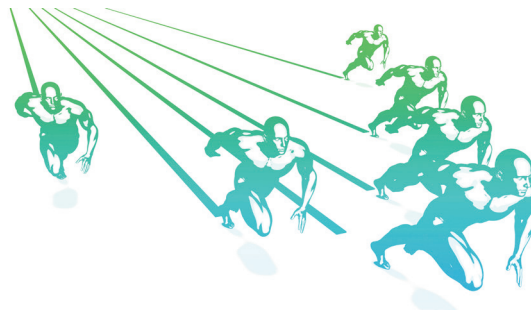
In the above context, innovation emerges not only as an engine of prosperity, competitiveness and an ingenious mechanism of real-life problem solving but as the act of creating extraordinarily new values, reaching the sections at the bottom of the pyramid, in unusually original ways. Innovation involves thinking differently, creatively and insightfully to create solutions that have an impact in terms of social and economic value. Launched on March 24, 2018, K-DISC is the primary agency for promoting innovation in the state of Kerala.

K-DISC PROVIDES A WELL-ESTABLISHED INNOVATION ECOSYSTEM BACKED BY STRONG INSTITUTIONAL COMMITMENT BY THE KERALA GOVERNMENT TO IMPLEMENT TRANSFORMATIVE PROJECTS THAT ARE GLOBAL MODELS IN INNOVATION.

K-DISC envisions a competitive and inclusive Kerala through creation of a healthy, conducive ecosystem for transformative and bold innovations through new directions in technology, product and process innovations. The mission of K-DISC is the holistic and quality human development in Kerala, a knowledge-centred, technology based local economy with global connect and enhanced inclusion, participation and self-reliance through cutting edge knowledge and technology.

Guiding principles of activities undertaken by K-DISC:

Developing and championing innovation attitudes and human centric approaches ensuring it reaches across sectors and social sections.



Creating a triple helix innovation ecosystem that will break silos, enable collaboration and resonate synergies between Industries, Academia and the Government.

Encouraging multi-disciplinary and globally competitive approaches for innovations.



OUR PROJECTS



Leveraging tacit and explicit knowledge of experts and grassroots innovators through Communities of Practices for wicked problem solving.



Enhancing employability in line with global trends by undertaking a massive skilling program to provide employment to the educated unemployed career-break women and marginalised sectors.

Seeding new knowledge-based industries through coordinated projects with the participation of multiple stakeholders.



AWARDS



Digital India Platinum Award 2022 for KKEM



Kerala State Energy Conservation Award 2022



IEEE Global Sustainable Development Award



SKOCH Award 2023

Sl. No.	Key Projects	Achievements	Targets
1	Creating an Innovation Ecosystem spanning Industry, Academia, and Government Institutions.	An Innovation Ecosystem linking 7100+ institutions, 60+ domain institutions, 21,000+ facilitators, 200+ mentors, 500+ Local Self Government Institutions has been created. Communities of Practice (CoP) have been formed with over 1500 experts across 27 themes.	Further strengthening the Triple Helix Innovation Ecosystem and the District Innovation Councils to change attitude towards innovative thinking and collaboration. An Innovation Desk for government departments to work with start-ups to use emerging technologies to continuously improve service delivery.
2	Young Innovators Programme (YIP) aims at democratising innovation and promoting a culture of innovation among the students aged between 13 and 37. It develops an ecosystem for identifying youth with bright minds for solving real life problems.	Progressively increased registration to reach 1,69,000 students and 23,000+ educational institutions. YIP has nurtured over 20,000 ideas leading to student start-ups and IPRs.	100% coverage of all educational institutions. Taking learning beyond the confines of the classroom. Showcasing a global model to develop innovative thinking in youth.
3	Providing 20 lakh job opportunities in Kerala by 2026.	A platform of platform approach employed for rapid scaling. The digital platform has 4000+ employers, 14+ lakhs job seekers, 110+ Skill providers skilling 10,000+ candidates. The initiative has won the National Digital India Award and multiple other honors.	Transition of Kerala to a Knowledge Society that is inclusive through up-skilling and re-skilling of its population and leveraging new forms of work.
4	Kerala Genome Data Centre (KGDC) aims to leverage the unique genomic data of Kerala and establish itself as a Global Centre of Excellence in Genomics and Bioinformatics.	The Detailed Project Report has been completed. A network linking experts across the globe and the 125+ life sciences institutions of the state have been established.	Creation of a vast repository of genomic knowledge to fuel research and development across a multitude of domains, including human health, plant biology, animal health, microbial ecology, synthetic biology & bio-manufacturing.
5	Electric Vehicle Consortium - A co-ordinated project with state level and national R&D institutes including Vikram Sarabhai Space Centre, TERI, and EV start-ups.	Created an indigenously developed and tested prototype of LTO batteries. A drivetrain testing lab established at TrEST Park.	Accelerate the manufacture and development of Electric Vehicles by creating an ecosystem for EV components manufacture. The programme will leverage the mineral sand wealth of the state.

K-DISC is registered as an independent Society under the Travancore-Cochin Literary, Scientific and Charitable Societies Act, 1955 with the Chief Minister as the Chairperson, Finance Minister as Vice Chairperson and Ministers for Industries, Higher Education, Labour and Skills and Agriculture as members. The Governing body has Vice Chancellors of major Universities and leaders from across the globe.



Dr. P. V. Unnikrishnan
Member Secretary
Ph. 94477 72818 | ms.kdisc@kdisc.kerala.gov.in

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