



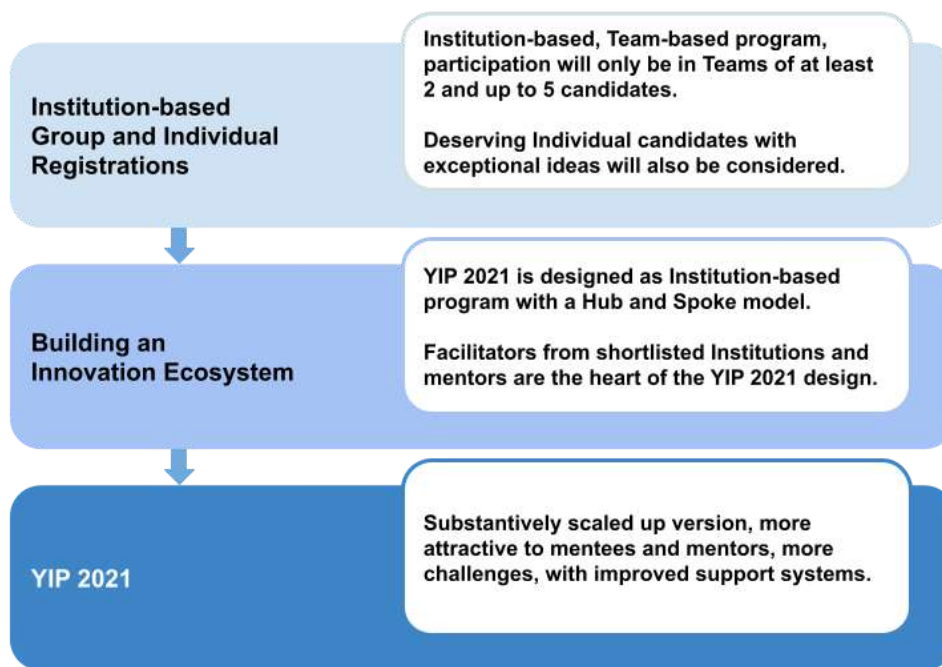
YOUNG INNOVATORS PROGRAMME

Igniting the innovative minds of Kerala!



YOUNG INNOVATORS PROGRAMME - 2021

The YIP is a flagship program of the Kerala Development & Innovation Strategic Council (K-DISC) to promote a culture of innovation among the youth of Kerala. The program is open with an aim to all students studying in class 8 or above across Kerala. This includes School, ITI, Arts and Science, Polytechnic, Medical and Engineering students and also students undertaking research in academics, research and other institutions. The lower age limit shall be 13 and the upper age limit is 35 years. The students undertaking research in the institutions managed by ICAR, the upper age limit shall be 37 years. The details on the themes and participating departments can be found at the end of this document.



Methodology & Approach

K-DISC is excited to announce the opening of the prestigious Young Innovators Programme (YIP) in its fourth edition. Keeping with the true intent of the vision of the program, YIP 2021 is envisioned to be a massive, open, inclusive, collaborative institution-based program aimed at identifying and nurturing young innovators.

As a part of this, the YIP will,

- Identify youth with bright minds for solving real-life problems.
- Provide the expertise, support and connections needed to become impact / business-focused entrepreneurs or innovative researchers.
- Give them a better grounding by connecting to research institutions / partner institutions with scholarships.
- Help them build a career around the innovations, researching, re-discovering, incubating and accelerating the innovation.

Exciting prize money for qualifying candidates apart from the project grants.

- **Rs 25,000/- each for the district level winner teams.**
- **Rs 50,000/- each for the State winner teams.**

Cash prizes for the top 3 Schools, Colleges, Universities, Research Institutions, Facilitators and Districts have been brought in. Categories with more than 10 entries will qualify for the competition and ideas that qualify for the preliminary evaluation will only be considered. Out of 10 entries at least 2 shall be from the Shelf of Project category. For every 10 entries at least 2 should be from candidates in the marginalised groups (i.e SC/ST or fisherfolk and girls). The prize money details are given below.

Sl No.	Category	1st Prize	2nd Prize	3rd Prize	Total
01.	School	Rs 1,00,000	Rs 50,000	Rs 25,000	Rs 1,75,000
02.	College	Rs 1,00,000	Rs 50,000	Rs 25,000	Rs 1,75,000
03.	University	Rs 1,00,000	Rs 50,000	Rs 25,000	Rs 1,75,000
04.	Research Institution	Rs 1,00,000	Rs 50,000	Rs 25,000	Rs 1,75,000
05.	Facilitator - School	Rs 50,000	Rs 25,000	Rs 12,500	Rs 87,500
06.	Facilitator - College	Rs 50,000	Rs 25,000	Rs 12,500	Rs 87,500
07.	Facilitator - University	Rs 50,000	Rs 25,000	Rs 12,500	Rs 87,500
08.	Facilitator – Research Institution	Rs 50,000	Rs 25,000	Rs 12,500	Rs 87,500
09.	District	Rs 50,000	Rs 25,000	Rs 12,500	Rs 87,500

Your journey in YIP 2021 as an ideator starts with a pre-registration phase and participation will only be teams of at least 2 and up to 5 candidates. Deserving individual candidates with exceptional ideas will also be considered. After that, they will undergo the Voice of Customer & Fundamentals Training. The next phase is where they submit their ideas. They will be having the option to choose projects from a problem shelf or post their ideas. A problem shelf is a list of pre-identified problems identified by a group of experts in the field for which the teams can work and find a solution. The details of their ideas will need to be captured in the idea registration format. Once they submit their ideas it will go through an evaluation process, it will be of multiple levels and at each level, the best teams will be selected and some of them may be asked to rework their ideas and come back to YIP next year.

YIP Tracks

Accelerated Innovation Track: For ideas that can be finished and launched quickly, it enables you to finish your ideas within a year.

Normal Innovation Track: For ideas that may require more than a year to bring to reality.

Rapid Innovation & Hackathon Track: For the winners of ASAP Hackathon programme.

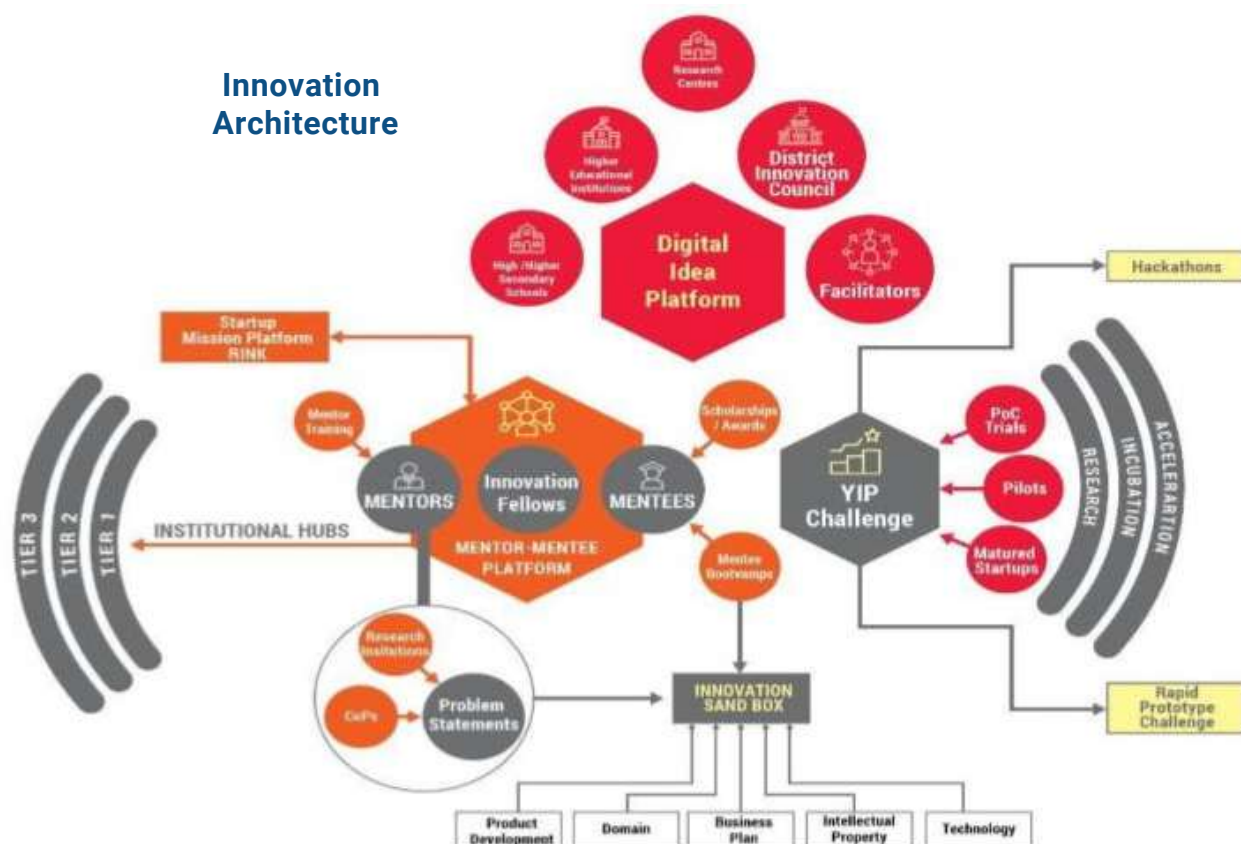
PLAN OF ACTION

- Voice of customer Training during preregistration
- Improved Bootcamp Services with focused support in three tracks
- Practitioners inputs through Community of practices leading to shelf of projects
- Mentoring in five layers Domain, Technology, Business plan, Intellectual property and prototyping
- Outcome is priority based on time, resources, impact.
- Apart from Accelerated Innovation Track and Normal Innovation Track, a Rapid Innovation Track around a design hackathon and rapid prototyping is attempted.

YIP 2021 Timeline



Innovation Architecture



PREVIOUS EDITIONS

YIP 2021 is the fourth edition of the program. The first edition started in 2018 and is reaching the closing stage. The next two editions, started in 2019 and 2020 are currently in progress.

YIP 2020-23: The 2020-23 YIP program was officially launched in July 2020. Though the pandemic has delayed it, the program has picked its pace in no time. Nearly 3000 teams were registered for the program and 800 teams passed the initial stage and 234 teams passed the second level and will be contesting at the state level.

YIP 2019-22: Launched in May 2019, the second edition of YIP, 370 candidates in 102 groups passed the multi-level screening processes, covering 11 themes. This track deals with inter-disciplinary issues or problems which require a multi-faceted approach to find implementable solutions. It also includes socially relevant issues which may require intervention in the form of a social enterprise or impact solution.

YIP 2018-21: The programme commenced in Mar 2018 and, among 203 selected candidates, a modest amount of Rs 2,72,000/- has been granted to 9 selected mentees through an Accelerated Innovation Track Challenge in 2019. The evaluation of the Normal Innovation Challenge 2019 has concluded, and 11 mentees got selected.

ZONES

The following are the domain mentoring institutions categorized into different zones.

SOUTH

The domain mentoring institutions representing the South Zone include Central Tuber crops Research Institute (T'puram), Bioscience Research & Training Centre (T'puram), Dept. of Aquatic Biology (T'puram), College of Dairy Science & Technology (T'puram), Ecoloop360, GEC, Barton hill (T'puram), Centre for Water Resource Development & Management (Ktm), Govt. Ayurveda College (T'puram), National Coir Research & Management Institute (T'puram), Institute of Management in Kerala (T'puram), National Institute of Speech & Hearing (T'puram), Energy Management Centre (T'puram), Child Development Centre (T'puram), Alive (T'puram), Institute of Land & Disaster Management (T'puram), Rajiv Gandhi Centre for Biotechnology (T'puram), Govt. Medical College (T'puram).

CENTRAL

The domain mentoring institutions representing the Central Zone include Kerala Agricultural University (Thrissur), College of Veterinary and Animal Sciences (Mannuthy, Thrissur), Kerala University of Fisheries and Ocean Studies (Kochi), College of Dairy Science and Technology (Idukki), Agriculture Kerala Agricultural University (Thrissur), Animal Husband College of Veterinary and Animal Sciences (Mannuthy, Thrissur), Kerala University of Fisheries and Ocean Studies (Kochi), College of Dairy Science and Technology (Idukki), SCMS College of Engineering and Technology (Karukutty), Govt. Engineering College (Thrissur), Centre for Yoga and Naturopathy M G University (Ktm), MSME Development Institute (Thrissur), SCMS School of Business (Kochi), Sahradaya College of Engineering and Technology (Kodakara), Govt. Engineering College (Thrissur), School of Behavioural Sciences, MG University (Kottayam), Govt Medical College (Kottayam), Govt Medical College (Thrissur), Kerala Forest Research Institute (Thrissur), National Institute of Virology (Alappuzha Unit), Govt Medical College (Thrissur).

NORTH

The domain mentoring institutions representing the North Zone include Central Plantation Crops Research Institute (Kasargod), Kerala Veterinary and Animal Sciences University, Central Marine Fisheries Research Institute (Calicut), Kerala Veterinary and Animal Sciences University, Wayanad, Govt Engineering College (Kannur), Centre for Water Resource Development and Management (Calicut), VPSV Ayurveda College (Malappuram), Uravu (Wayanad), National Institute of Technology (Calicut), National Institute of Physical Medicine and Rehabilitation, National Institute of Technology (Calicut), Institute of Mental Health and Neuroscience (Calicut), Institute of Mental Health and Neuroscience (Calicut), M S Swaminathan Research Foundation (Wayanad), Govt Medical College (Kannur), and Govt Medical College (Kannur).

THEMES

Agriculture • Animal Husbandry • Fisheries • Dairy • Solid, Liquid & Hazardous Waste Management • Water Conservation Management • Complementary & Alternate Medicine - AYUSH • Traditional Industries & MSMEs • Business Model Innovations & Future Technologies • Assistive Technologies • Energy, E-Mobility & Renewables • Problems of Children • Problems of Elderly • Climate Change & Disaster Management • Post Pandemic Innovations • Modern Medicine & Biomedical Technology • Problems of the Marginalized • Biotechnology and Genetics • Digital and Creative Art forms • Innovation Collectives and Cooperatives.

DEPARTMENTS / AGENCIES

Planning Department and Kerala Development and Innovation Strategic Council with the active partnership of General Education Department (DPI, VHSE, HSE), Director of Technical Education, Industrial Training Department, Collegiate Education Department, Social Justice Department, Scheduled Caste and Scheduled Tribe Department, Department of Fisheries, Medical Education Department, Ayurveda Medical Education Department, Homeopathy Medical Education Department and all the Universities in Kerala.

IMPLEMENTATION PARTNER



TRAINING PARTNER



Young Innovators Program

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