

YOUNG INNOVATORS PROGRAMME (YIP)

(<https://yip.kerala.gov.in/>)

The Young Innovators Programme (YIP) is organised by the Kerala Development and Innovation Strategy Council (K-DISC), Government of Kerala. YIP aims to promote innovation among students across Kerala. Our institute is selected for YIP with institution ID 15619. Our institute's students are eligible to participate in the Idea Challenge as part of YIP. The YIP winner has access to professional advice, scholarships, and grants to bring their idea or innovation to reality. Institute suggested three faculty members as YIP facilitators and a Student facilitator to advertise the YIP and help students to submit their ideas

YIP Facilitators of the Institute

Dr. Tony Thomas, Assistant Professor of Chemistry
Ms. Varsha Maria Babu, Assistant Professor of Botany
Dr. Syju Thomas, Assistant Professor of Physics

YIP student Facilitator

Ms. P. Bhuvaneswary, III DC Chemistry student
Mr Anand Jayakumar, III DC Chemistry student

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REGISTRATION NOW OPEN FOR IDEAS @

IDEA REGISTRATION

Institution ID: 15619

Facilitator Name: Dr. Tony Thomas



Please instruct your students to register using the institutions ID given above

LAST DATE FOR REGISTRATION OF IDEAS IS,

30TH AUGUST 2019


Screenshot from mail confirming the institute registration with institution ID

PLEASE CHECK WHETHER YOUR INSTITUTION IS REGISTERED WITH US

District * Kottayam Institution * Deva Matha College Kuravilangad-Pincode-6865...

Institution Registration Status : Completed.

Inst Id	Inst Name	Inst Email	Inst Phone
15619	Deva Matha College Kuravilangad	principaldmck@gmail.com	4822230233



Institute registration is confirmed at the YIP Portal.



YIP 2019-22

Deva Matha College Kuravilangad participated in the YIP 2019-22. Mr. Arjun Narayanan and his team from the commerce department submitted an idea titled ‘An Innovative Education Platform’, which was shortlisted at the state level for final round presentations of YIP 2019-22.

The poster is a promotional graphic for the Young Innovators Programme (YIP) 2019-20. It features a central image of a man in a blue shirt giving a thumbs-up. The top left corner contains the YIP logo and the text 'Young Innovators Programme 2019' and 'The Challenge Begins!'. Below this, it states 'REGISTRATION OPEN TILL 30TH AUGUST 2019' and 'REGISTER IN TEAMS OF 2 TO 5'. The top right corner has a circular diagram labeled 'YIP EcoSystem' with segments for 'Skill Development & Training', 'Grants & Funding', 'Research Scholarship', and 'Technology & Market Exposure', along with 'Expert Mentorship'. Below the diagram is a 'HOW TO REGISTER FOR YIP 2019' section with four numbered steps. The bottom left corner features the 'YIP MAESTRO CHALLENGE 2019' logo and text: 'PROBLEMS OF CHILDREN AND THE AGED IN KERALA' and 'Pitch your idea to solve complex issues based on multi-disciplinary approach'. The bottom right corner features the 'YIP STAR CHALLENGE 2019' logo and text: 'YIP Star Challenge 2019 is open to selected premium institutes. If you have technology/application/ solutions for:' followed by a grid of categories with icons: Agriculture Dairy, Animal Husbandry and Fisheries; Modern Medicine, Biomedical Technology and Medical Devices; Energy and Water Conservation, Renewable Energy; Alternative Medicine; Waste Management; Business Model Innovation; Assistive Technology; and Traditional industries. At the bottom right, it says 'Powered by K-DISC Kerala Development and Innovation Strategic Council'.

YIP Young Innovators Programme 2019

The Challenge Begins!

REGISTRATION OPEN TILL
30TH AUGUST 2019

REGISTER IN TEAMS OF 2 TO 5

HOW TO REGISTER FOR YIP 2019

- 1 Log onto yip.kerala.gov.in, and check if your Institution is in the List of Institutions that Registered for YIP 2019.
- 2 If your Institution is in the List of Registered Institutions and is indicated as a 'YIP 2019 PREMIER INSTITUTE', then you are eligible to apply for both the STAR CHALLENGE as well as the MAESTRO CHALLENGE.
- 3 If your Institute is listed as Registered in YIP 2019 but not listed as a 'YIP 2019 PREMIER INSTITUTE', you are only eligible to apply for the MAESTRO CHALLENGE.
- 4 If your Institute is not in both of the Lists, please request the Head of your Institute to Register at yip.kerala.gov.in

YIP MAESTRO CHALLENGE 2019

PROBLEMS OF CHILDREN AND THE AGED IN KERALA

Pitch your idea to solve complex issues based on multi-disciplinary approach

YIP STAR CHALLENGE 2019

YIP Star Challenge 2019 is open to selected premium institutes.
If you have technology/application/ solutions for:

- Agriculture Dairy, Animal Husbandry and Fisheries
- Modern Medicine, Biomedical Technology and Medical Devices
- Energy and Water Conservation, Renewable Energy
- Alternative Medicine
- Waste Management
- Business Model Innovation
- Assistive Technology
- Traditional industries

Powered by **K-DISC**
Kerala Development and Innovation Strategic Council

YIP Young Innovators Programme
www.yip.kerala.gov.in
Call for support: +91 4712737877

YIP 2019-20 Poster



07th AUG 2019

SUB: WELCOME TO THE YOUNG INNOVATORS PROGRAMME (YIP) 2019-22 AND NEXT STEPS IN THE PROGRAMME

Dear Sir/Madam

Greetings from Kerala Development & Innovation Strategy Council (K-DISC)!

WELCOME ABOARD!

Congratulations! We are pleased to confirm that your Institute is registered and is part of the programme! Thank you for choosing to be an active part of the Young Innovators' Programme (YIP) 2019-22 – the largest program of its kind promoting innovation amongst students across Kerala. We hope that you and your students will be able to leverage the support systems and facilities within the programme to truly embrace innovation and problem solving towards a brighter future for Kerala.

QUICK RECAP OF YIP 2019-22 DESIGN

Through a multi-stage process, K-DISC will select/shortlist the most promising/best young innovators with novel and innovative ideas to critical problems/issues, from education institutions, such as yours, across Kerala. These young innovators will be provided requisite handholding, training and skill development, mentorship and resources to help them work towards building products, services and/or solutions to their chosen problems/issues. Ultimately, the young innovators will showcase their efforts, based on which they may be awarded a scholarship, admittance to an incubation or acceleration program, a research grant, or even funding for scaling up/mass production.

Your students have the chance to be part of this enriching experience through your institution with the crucial support of their Facilitators – we request you to support your students in putting forth their best for the YIP 2019 Challenge. The Facilitators nominated by your Institution, from among your teaching staff or faculty, will be coordinating with the K-DISC team hereon.

OPPORTUNITIES FOR SELECTED CANDIDATES IN YIP 2019

Here is what your students stand to gain if they are selected to the program and are able to clear the multi-stage evaluation process:

- One-time assistance for market study, for prototype development, scaling up product to the market or model to the field.
- One Year YIP Scholarship for working with a Research and Development Centre, Incubator or Accelerator.
- Skill development in latest technologies.
- Opportunity to interact with Industry Professionals and Experts in their fields of interest.
- Opportunity to be part of an Incubation or Acceleration program to develop ideas into marketable services/products.
- Grant for Research or for Mass Production/Scaling Up of products/ideas.



WHAT'S NEXT?

With the completion of the Institutions' Registration as well as the Facilitators' Registration, YIP 2019-22 is now moving into the **Idea Registration** stage. Through the process of Idea Registration, opened on 05th August 2019. Idea Registration is meant for the potential candidates of the YIP 2019-22 from amongst your students, who have identified an interesting problem area, product or solution relevant to the following Challenge track:

- **THE MAESTRO CHALLENGE**

This track would deal with inter-disciplinary issues or problems which require a multi-faceted approach to find implementable solutions. This track would also include socially relevant issues which may require intervention in the form of a social enterprise or impact solution.

Universities, Arts & Science Colleges, Engineering Colleges, Agricultural Colleges and Institutions from the field of Translational, Environmental, Biotechnology, Biomedical streams would be targeted to form groups and teams across disciplines to participate in this track of the Challenge.

However, there won't be any restrictions for students from schools to participate. Individual participation would be permitted in exceptional cases based on the merit of the problem statement and ingenuity in approach to problem-solving.

THEMES FOR THE MAESTRO CHALLENGE

The overarching theme for this Challenge track will be "Problems of Children and the Aged in Kerala" – developing effective solutions for critical issues surrounding Paediatric Care, Education and Geriatric Care.

Entries in the challenge will be evaluated through a multi-stage process, with some selected entries make it to pitching challenges at the district level. Finally, a central, national jury will select the finalists post the final Challenge event in each category by December 2019.

PARTICIPATION IN TEAMS

Please note that your students must register on the platform during the Idea Registration window to stand a chance to be part of YIP 2019. **Students are permitted to register only in teams/groups - of minimum 2 to maximum 5 students each**, with a few details of their ideas.

Please note that only a maximum of 10 entries are accepted from each institution.

FACILITATORS OF YIP 2019 – WHAT YOU CAN DO

As Head of the Institution or as the nominated Facilitators, you have the unique opportunity to be part of the exciting YIP ecosystem and will be exposed to the latest ideas and trends from across the state. As Facilitators, you will also undergo a comprehensive capacity building program, specifically designed to enable them in their role as innovation catalysts for the registered students and groups.

You are ideally positioned – within the Institute, with direct influence over and access to your students. With a little bit of time and effort from you, deserving students from the Institute could be identified and encouraged to develop their innovative problem-solving skills.

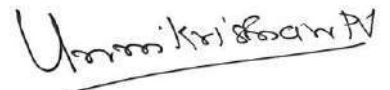
Here are a few pointers that will help you, as Facilitator or as an Institute, make the most of this opportunity:



- a. Create a buzz around Innovation and out-of-the-box thinking by encouraging students to be curious and inquisitive in the learning process. Share stories of innovations and solutions that have solved problems, created impact and changed lives.
- b. Publicize about the Young Innovators' Programme 2019 and the benefits that selected students from your Institution will enjoy. You can do this effectively by sharing the details during meetings, events or gatherings.
- c. Let your students know that you are available to guide them and support them should they choose to be part of this program, as Facilitators for YIP 2019. Students may have a lot of queries about the program and a good way to tackle them would be by organizing short sessions to clear them.
- d. Innovation and problem-solving is not just about novelty of ideas and knowledge of trending technologies, but a test of grit and commitment. Identify driven, talented students who have the appetite to persevere despite challenges or failure.
- e. Encourage your students to share and discuss their ideas with their peers and friends – share with them the power of collaboration. This will help them organize themselves into comfortable teams and increase their chances of achieving their goals.

We look forward to your continued support throughout this program to make it a fitting tool to promote innovation and nurture talent in the state. Let's INNOVATE!

Warm regards,



Dr P V Unnikrishnan



YIP 2019 PHASE 1 SCHEDULE

- 1 Notification/Announcement for YIP Challenge - May 10, 2019
- 2 YIP 2019 Registration for Institutions and their Facilitators - May 10 to June 29, 2019
Registration of Facilitators •
Registration of Mentors •
- 3 Prioritisation & Screening of Registered Institutions - July 1 to July 15, 2019
- 4 YIP 2019 Registration of IDEAS by Student Innovators - August 5 to August 30, 2019
- 5 Facilitators Outreach & Orientation - August to December 2019
- 6 Pre-screening/Evaluation of submitted ideas - August 31 to September 10, 2019
- 7 District level Screening of Applications
 - Kasaragod, Thiruvananthapuram, Palakkad - September 18-20, 2019
 - Kannur, Kollam, Trissur - September 23-25, 2019
 - Wayanad, Pathanamthitta, Ernakulam - October 3-5, 2019
 - Kozhikode, Kottayam, Idukki - October 9-11, 2019
 - Malappuram, Alappuzha - October 14-16, 2019
- 8 Zonal Challenge Workshops
 - **SOUTH ZONE** (Thiruvananthapuram, Kollam, Kottayam, Pathanamthitta, Alappuzha) - October 18-20, 2019
 - **CENTRAL ZONE** (Idukki, Ernakulam, Trissur, Palakkad) - October 22-24, 2019
 - **NORTH ZONE** (Malappuram, Wayanad, Kozhikode, Kannur, Kasaragod) - October 25-27, 2019
- 9 YIP 2019 Challenge State Jury - November 9-12, 2019
- 10 YIP 2019 Challenge National Jury - December 13-16, 2019
- 11 Notification of the YIP 2019 Challenge Winners - December 31, 2019

KERALA DEVELOPMENT AND INNOVATION STRATEGIC COUNCIL (K-DISC)

Kerala Development and Innovation Strategy Council, (K-DISC) is a strategic think-tank and advisory body constituted by the Government of Kerala in March 2018. K-DISC aims at bringing out path-breaking strategic plans that reflect new directions in technology, product and process innovations, social shaping of technology and creating a healthy and conducive ecosystem for fostering innovations in the State. Confronted with second-generation issues in many key sectors, Kerala is facing challenges of providing holistic health care, employment-oriented skilling, enhancing quality of education, high quality social security, continued food and nutrition security with a pro-poor bias, gender justice and inclusion of outliers, all within severe fiscal constraints.

Apart from YIP, K-DISC spearheads multiple initiatives that aim at improving inclusive development interventions and foster and stoke innovation in the state including accelerating the adoption of Emerging Technologies like Blockchain, Artificial Intelligence and Machine Learning, improving primary education outcomes, creating future ready workforce through Accelerated Blockchain Competency Development (ABCD), promotion of local and frugal innovation, developing sustainable livelihoods for marginalized groups, fostering innovation by youth with disabilities and many more.

YIP Young Innovators Programme

3rd Floor, India Heights Govt. Women's College Road, Vazhuthacaud, Thiruvananthapuram

Contact: 0471-2737877
www.yip.kerala.gov.in

YIP Young Innovators Programme (YIP) 2019-22 2019

The Challenge Begins!



Powered by



Kerala Development & Innovation Strategic Council (K-DISC)

yip.kerala.gov.in

YOUNG INNOVATORS PROGRAMME 2019-22

K-DISC's Young Innovators Programme (YIP) is set to enter an exciting new chapter with the announcement of the programme's second edition through 2019. Keeping with the true intent of the vision of the programme - to expose young students to the cycle of innovation and to promote a culture of Innovation in Kerala, YIP 2019 is designed to create a deeper imprint on the academic system in the state.

YIP 2019 is structured around a philosophy of situated cognition and design-based learning, and is envisioned to be a **massive, open, inclusive, collaborative, institution-based** program aimed at identifying and nurturing young innovators.

OPPORTUNITIES FOR SELECTED CANDIDATES IN YIP 2019



One-time assistance for market study, for prototype development, scaling up product to the market or model to the field.



One Year YIP Scholarship for working with a Research and Development Centre, Incubator or Accelerator.



Skill development in latest technologies.



Opportunity to interact with Industry Professionals and Experts in their fields of interest.



Opportunity to be part of an Incubation or Acceleration programme to develop ideas into marketable services/products.



Grant for Research or for Mass Production/Scaling Up of products/ideas.

YIP 2019

Through a multi-stage process, K-DISC will select/shortlist the most promising/best young innovators with novel and innovative ideas to critical problems/issues, from education institutions, such as yours, across Kerala. These young innovators will be provided requisite handholding, training and skill development, mentorship and resources to help them work towards building products, services and/or solutions to their chosen problems/issues.

Any student, above the age of 12, must register on the platform during the Idea Registration window to stand a chance to be part of YIP 2019. Students are permitted to register only in teams/groups - of minimum 2 to maximum 5 students each, with a few details of their ideas.

1 MAESTRO CHALLENGE

This track would deal with inter-disciplinary issues or problems which require a multi-faceted approach to find implementable solutions. This track would also include socially relevant issues which may require intervention in the form of a social enterprise or impact solution.

THEME

The theme for YIP's MAESTRO Challenge 2019-22 is "Problems of Children and the Aged in Kerala"

2 STAR CHALLENGE

This track is designed with a rigor suited for solving focused problems and issues. Potential candidates/students from your Institution should be encouraged to apply their acquired skills and exposure to enquire into problems of relevance to Kerala as well as critical concerns of the global community.

THEMES

The themes for YIP's Star Challenge 2019-22 are limited to :Technologies and Systems for Value Addition, Productivity Enhancement and/or Drudgery Reduction in the following

- ▶ Traditional Industries and Systems
- ▶ Agriculture, Dairy, Animal Husbandry & Fisheries
- ▶ Modern Medicine, Biomedical Technology and Medical Devices
- ▶ Energy & Water Conservation, Renewable Energy, E-Mobility etc.
- ▶ Solid, Liquid & Hazardous Waste Management
- ▶ Assistive Technologies
- ▶ Complementary & Alternative Medicine
- ▶ Business Model Innovations in Application & Practice

Entries in each of the challenges will be evaluated through a multi-stage process, with some selected entries making it to pitching challenges at the district level. Finally, a central, national jury will select the finalists post the final Challenge event in each category by December 2019.

YOUNG INNOVATORS PROGRAM

TEAM MEMBERS

- Arjun Narayanan
- Krishna M Nair
- Jerin Joji
- Jesbon Chacko
- Ajil Divakaran

IDEA THEME

Problems of children and aged

IDEA TITLE

An Innovative Education Platform

An education platform that gives children an opportunity to identify their interests and tailor an education program that satisfies the needs and interests of each student. In short a place where children can flourish their interests rather than going where the wind blows.

YEAR

2019





THANK YOU FOR REGISTERING YOUR IDEA IN KERALA GOVERNMENT'S
YOUNG INNOVATORS' PROGRAM (YIP)
2019!

YOUR REGISTERED IDEA IN **YIP** 2019 WAS
SHORTLISTED FOR PRESENTATION

THIS IS YOUR
LAST CHANCE!

TO BE PART OF **YIP** 2019 – PRESENT YOUR IDEA FOR
DISTRICT-LEVEL EVALUATION

YOUR IDEA WAS SHORTLISTED FOR PRESENTATION BEFORE A KDISC-KSUM NOMINATED EVALUATION PANEL, BUT YOU HAVE NOT ATTENDED ANY DISTRICT LEVEL EVALUATION EVENT.

THIS IS YOUR LAST CHANCE – YOU MAY CHOOSE TO PARTICIPATE IN THE EVALUATION AT ANY ONE OF THE VENUES GIVEN BELOW. PLEASE REPORT AT THE VENUE AT LEAST 30 MINUTES PRIOR TO THE START OF THE CHOSEN SLOT.

THE DETAILS OF YOUR REGISTERED IDEA WHICH IS SHORTLISTED FOR PRESENTATION AT THE DISTRICT LEVEL EVALUATION IS GIVEN BELOW. IF YOU HAVE REGISTERED MULTIPLE IDEAS ON THE YIP PORTAL, YOU MAY RECEIVE AN EMAIL LIKE THIS FOR EACH SHORTLISTED ENTRY.

REGISTERED IDEA DETAILS	
IDEA ID	280
GROUP LEADER NAME	Arjun Narayanan
IDEA TITLE / SUMMARY	Innovative education platform
IDEA THEME	Prob of Children & Aged

LAST DISTRICT-LEVEL EVALUATION EVENT		
30 TH NOVEMBER 2019		
NORTH ZONE	CENTRAL ZONE	SOUTH ZONE
<p>KOZHIKODE</p> <p>TIMINGS SLOT 1 – 8 AM to 1 PM SLOT 2 – 1 PM to 3:30 PM</p> <p>@ KSUM 2nd Floor, UL CyberPark, UL CyberPark Rd, Nellikkode, Kozhikode, Kerala 673008 On Maps</p> <p>Contact Prajeet @ 8075 690 325</p> <p>*Please present this email as proof for Entry Into Cyberpark</p>	<p>ERNAKULAM</p> <p>TIMINGS SLOT 1 – 8 AM to 1 PM SLOT 2 – 1 PM to 3:30 PM</p> <p>@ INTEGRATED STARTUP COMPLEX / K SUM HMT Colony, North Kalamassery, Kalamassery, Kochi, Kerala 683 503 On Maps</p> <p>Contact Michael @ 8448 854 402</p>	<p>THIRUVANANTHAPURAM</p> <p>TIMINGS SLOT 1 – 8 AM to 1 PM SLOT 2 – 1 PM to 3:30 PM</p> <p>@ KSUM Thejaswini, G3B, Technopark, Karyavattom, Thiruvananthapuram Kerala 695 581 On Maps</p> <p>Contact DhanaJ @ 8400 673 632</p> <p>*Please present this email as proof for Entry Into Technopark</p>



YIP 2020-23

Deva Matha College Kuravilangad participated in the YIP 2020-23. Three groups of students from English, Chemistry and Physics submitted their ideas (three ideas) under the themes of ‘Solid, Liquid and Hazardous Waste Management’ and ‘Climate Change and Disaster Management’.



YIP 2020-23 Poster



No:KDISC/YIP/2020-23/08

10.12.2020

Dear Sir/Madam,

Greetings from Kerala Development and Innovation Strategic Council!!

As you might be aware, Kerala Development & Innovation Strategy Council, (K-DISC) is a strategic think-tank and advisory body constituted by the Government of Kerala to bring out path-breaking strategic plans that reflect new directions in technology, product and process innovations, social shaping of technology and creating a healthy and conducive ecosystem for fostering innovations in the state of Kerala.

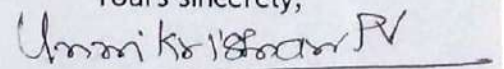
Young Innovators Program (YIP) is the specially designed, flagship program under KDISC that aims to empower future innovators to innovate new products, services or solutions to meet the emerging era requirements of the state, unarticulated needs, or existing market needs of the society more effectively through an innovative challenge. As part of YIP 2019, 370 candidates were selected. 203 candidates were selected as part of YIP 2018 tranche and among them 9 were granted special awards with a total amount of Rs 2,72,000/- The finalization of the first batch of awards for 2019 has been initiated.

The first cycle of YIP for the 2020-23 tranche was announced in July 2020. The evaluation process is ongoing. **We had 2168 applications for this cycle.** Thank you very much for the kind support for the first cycle.

We are now in the process of announcing the 2nd cycle on **December 15th 2020.**
Last date of submission is 31st December 2020

We look forward your whole hearted support in the program by kindly requesting your students to enrol in YIP 2020 2nd cycle.

Yours sincerely,



Dr P V Unnikrishnan



YIP 2020 First Cycle TIMELINE

02 JUL 2020	Inauguration of YIP Program
02-08 AUG 2020	Registration of YIP Challenge
08 AUG - 18 AUG 2020	Preliminary Screening
18 AUG - 6 SEPT 202	Webinars on Design Thinking, Product Design, Design for Social Enterprise Inclusive social framework for innovation (activity oriented)
07 SEPT - 27 SEPT 2020	Modified Submission
12 OCT 2020	District Evaluation
30 OCT - 13 NOV 2020	State Level Evaluation
30 NOV 2020	Announcement of Gold and Silver Tracks

Link for idea registration:

<https://yip.kerala.gov.in/yipapp/index.php/PostIdea>

Link for institutional registration:

https://yip.kerala.gov.in/yipapp/index.php/inst_reg



KERALA DEVELOPMENT AND INNOVATION STRATEGIC COUNCIL (K-DISC)

Kerala Development & Innovation Strategy Council, (K-DISC) is a strategic think-tank and advisory body constituted by the Government of Kerala to bring out path-breaking strategic plans that reflect new directions in technology, product and process innovations, social shaping of technology and creating a healthy and conducive ecosystem for fostering innovations in the state of Kerala.

Young Innovators Program (YIP) is the specially designed, flagship program under KDISC that aims to empower future innovators to innovate new products, services or solutions to meet the emerging era requirements of the state, unarticulated needs, or existing market needs of the society more effectively through an innovative challenge.

YIP was launched in 2018. It is unique in that the program makes a commitment to walk with the innovator for three years. It is modelled around the National Science Foundation innovation promotion program in the United States of America. There are three live tranches of YIP active now viz. YIP 2018-21, YIP 2019-22 and YIP 2020-23.



3rd Floor, India Heights,
Govt. Women's College Road,
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Young Innovators Programme 2020-23

The Challenge Begins !



K-DISC
Kerala Development and Innovation Strategic Council

YOUNG INNOVATORS PROGRAMME



Young Innovators Program 2018- 21

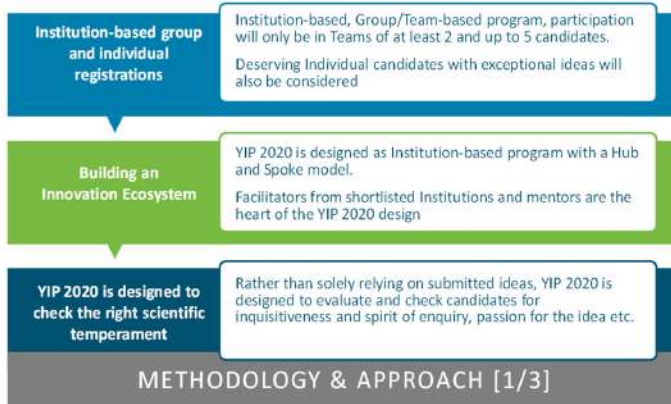
Among 203 selected candidates, a modest amount of Rs 2,72,000/- has been granted to 9 selected mentees through an Accelerated Innovation Track Challenge in 2019. The evaluation of the Normal Innovation Challenge 2019 has just concluded and 11 mentees have been selected.

Young Innovators Program 2019- 22

370 candidates were selected from a multi-level screening process under 11 themes and 102 groups respectively.

Young Innovators Program 2020- 23

K-DISC is excited to announce the opening of prestigious Young Innovators Program in its third edition, for 2020-23 – the largest program of its kind promoting innovation amongst students across Kerala. Keeping with the true intent of the vision of the program – to expose young students to the cycle of innovation and to promote a culture of Innovation in Kerala, YIP 2020 is envisioned to be a massive, open, inclusive, collaborative, institution-based program aimed at identifying and nurturing young innovators.



Themes for YIP 2020-23

MAESTRO CHALLENGE

This track would deal with inter-disciplinary issues or problems which require a multi-faceted approach to find implementable solutions. This track would also include socially relevant issues which may require intervention in the form of a social enterprise or impact solution.

Post Pandemic Innovations

STAR CHALLENGE

This track is designed with a rigor suited for solving focused problems and issues. Potential candidates / students from your Institution should be encouraged to apply their acquired skills and exposure to enquire into problems of relevance to Kerala as well as critical concerns of the global community.

- Agriculture
- Animal Husbandry
- Assistive Technologies
- Business Model Innovations
- Climate Change and Disaster Management
- Modern Medicine & Bio-Medical Technology
- Complementary & Alternate Medicine – Siddha
- Complementary & Alternate Medicine – Unani
- Complementary & Alternate Medicine- Ayurveda
- Complementary & Alternate Medicine- Naturopathy
- Complementary and Alternate Medicine-Homeopathy
- Solid, Liquid and Hazardous Waste Management
- Traditional Industries
- Problems of Children
- Problems of Elderly
- Fisheries
- Energy
- Water
- Dairy
- Yoga

Departments / Agencies

Planning Department and Kerala Development Innovation Strategic Council with 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 Tribes Department, Department of Fisheries, Medical Education Department, Ayurveda Medical Education Department, Homoeopathy Medical Education Department and all the Universities in Kerala.

Ideas submitted as part of YIP 2020-23

Young Innovator's Program 2020-'23				
IDEA APPROVED/REJECTED LIST				
Export Data				
Show 10 entries		Search:		
SI No	Theme of Idea	Idea Summary	Ideators	Status
1	Solid, Liquid and Hazardous Waste Management	Plastic pollution is the accumulation of plastic objects and particles in the Earth's environment that adversely affects wildlife, wildlife habitat and humans. So through this idea used plastic is collected and recycled easily and changed into reusable byproducts in a very low expensive, reliable,safe and easy manner. We tried to make changes in the disadvantages of old plastic recycling machines.	Biniya Bijith Gerry George Yedhukrishnan P S	Approved

Idea submitted by students of the English Department

2	Climate Change and Disaster Management	The earth's climate has undergone many changes. Ice age have alternated with long periods of warm weather and events Like volcanic eruptions and meteorite strike have also caused climate change. As climate change contious ,it will likely leads to more frequent and severe natural hazards.The impact will be heavy .It may impossible to avoid disasters, but it isn't impossible plan ahead of time so as to minimize the impact that any given disaster might have on your or your family is health, safety and property.	Chippy V S Namitha Chandrababu Aiswarya R Geo Dominic Anandakrishnan H	Approved
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Idea submitted by students of the English Department

3	Solid, Liquid and Hazardous Waste Management	Nowadays most of the water bottles are made up of plastic. So as an initiative against reducing plastic usage, we introduce water bottles made of 'Agari'. The bottles made up of Agari disintegrates once its purpose is done. Agari is made up of Agar . Which is a jelly like substance obtained from red algae. The material is 100% natural and 100% biodegradable. Thus it completely eco- friendly. This is how it works	Jibin Benny Aravind K.R Alkish Alex Sivapriya Pavithran Lithin George	Approved
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Showing 1 to 3 of 3 entries

Previous 1 Next

Idea submitted by students of the English Department



YIP 2021-24

Deva Matha College Kuravilangad participated in the YIP 2021-24. Twenty-five students participated in the YIP 2021–24.

The poster is for the YIP 2021-24 registration process. It features the YIP logo (Young Innovators Programme) and the slogan 'IGNITING THE INNOVATIVE MINDS OF KERALA!'. The main heading is 'REGISTER NOW In teams of 2 to 5 Win exciting prize money!'. It lists thematic areas under 'STAR CHALLENGE' and 'MAESTRO CHALLENGE'. The 'STAR CHALLENGE' areas include Agriculture, Animal Husbandry, Fisheries, Dairy, Solid, Liquid, and Hazardous Waste Management, Water Conservation Management, Complementary & Alternate Medicine - AYUSH, Traditional Industries and MSMEs, Business Model Innovations and Future Technologies, Assistive Technologies, Energy, E-Mobility & Renewables, Problems of the Children, Problems of the Elderly, Climate Change and Disaster Management, Modern Medicine and Bio Medical Technology, Problems of the Marginalised, Biotechnology and Genetics, and Digital and Creative Art forms. The 'MAESTRO CHALLENGE' area includes Innovation Collectives and Co-operatives. A 'Registration Process' section outlines the steps: Log onto <https://yip.kerala.gov.in>, Register Pre-Registration, Voice of Customer Training, Team Formation, and Site Assessment. It also includes a QR code and contact information for the Kerala Development and Innovation Strategic Council.

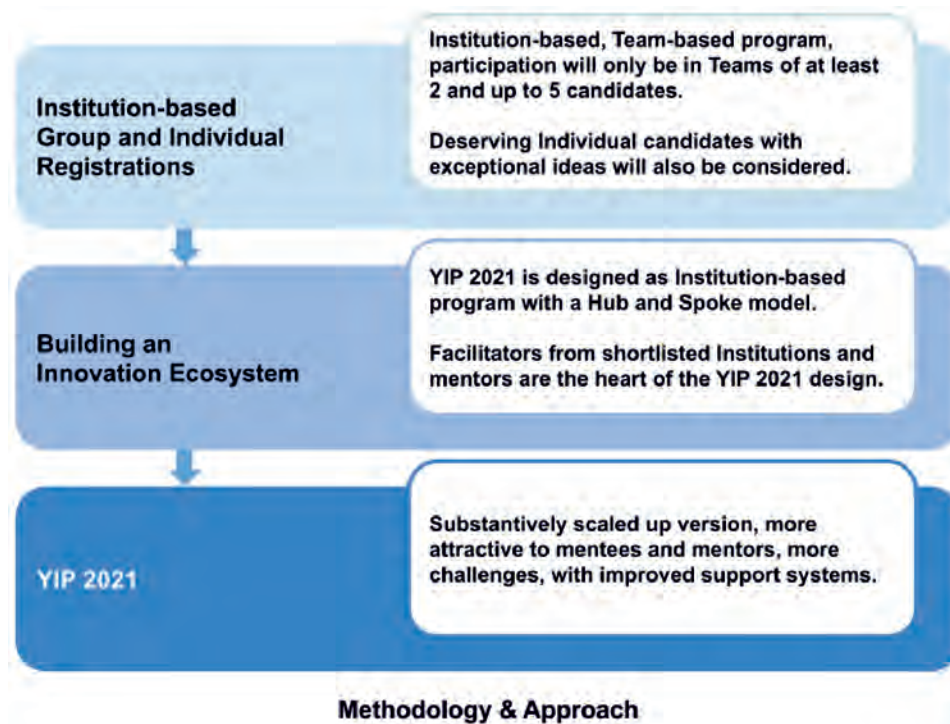
Poster of the YIP 2021-24





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.



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 scholarship 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), Animal Husbandry College of Veterinary and Animal Sciences (Mannuthy, Thrissur), SCMS College of Engineering and Technology (Karukutty), Govt. Engineering College (Thrissur), Centre for Yoga and Naturopathy MG University (Ktm), MSME Development Institute (Thrissur), SCMS School of Business (Kochi), Sahrada 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).

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 FOR YIP 2021

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



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27			

Details of students who participated in YIP 2021-24. Obtained from YIP officials.



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(YIP Facilitators)