Activity Report

FY 2021-22

iLAB
inspiring innovations

ilabindia.org

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About Us

iLAB (Innovation Laboratory) Society is a registered volunteer-led voluteer-driven non-profit organization aiming to empower the coastal communities of Kozhikode through a sustainable education model and innovative strategies.
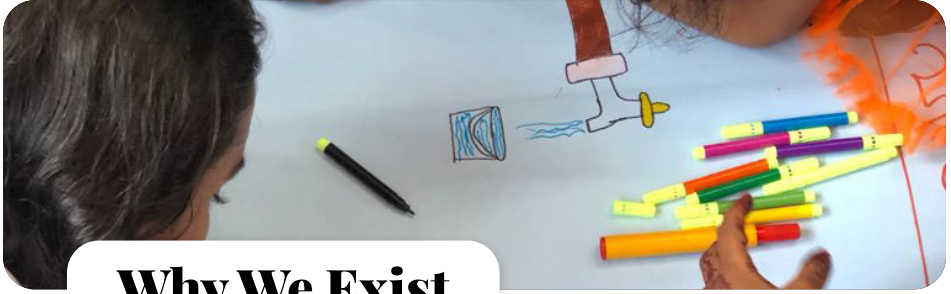
iLAB has been conducting various educational projects for the last 5 years at Kozhikode coastal belt in support of Kozhikode Municipal Corporation collaborating with many other organizations. iLAB has structured and systematically executed a volunteering system. We ensure the quality of our volunteers through strict scrutiny in the selection and consistent training programs.

We are now a 12A registered society with section 80(G) status of the Income Tax Act, and we are eligible to receive corporate funding via the CSR policies of the Companies Act, 2013. Our financial records are audited annually and follow all financial regulations set forth for non-profits by the Government of India.
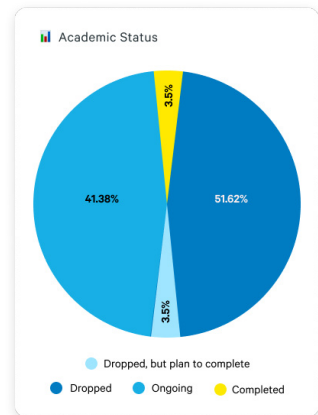
971+
Students

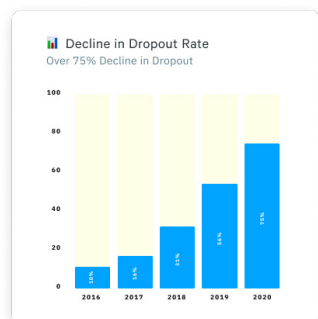**12+**
Learning Hubs

60+
Events

Why We Exist

The coastal community as a whole is disregarded by other communities with contempt and low esteem.

Based on the study conducted by iLAB in support of IIM Kozhikode, we had identified a remarkable dropout rate. Students haven't acquired primary education to minimum standards and are unable to even write their names in their mother tongue.

Academic Status

- 3.5%
- 41.38%
- 51.62%
- 3.5%

Dropped, but plan to complete
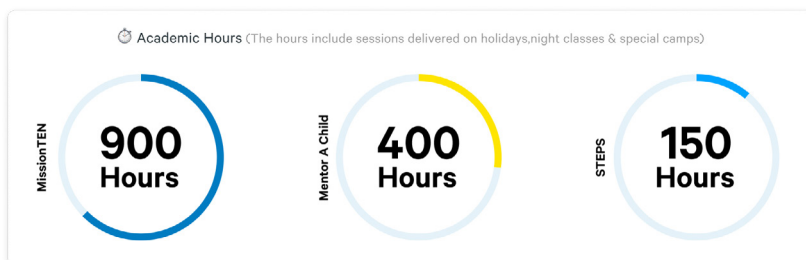Dropped Ongoing Completed

We have anchored the educational system of children at Kozhikode, since the past five years, by deepening their grass root level knowledge, reducing the school dropouts by 75%, providing access to opportunities in digital dynamic fields and thereby opening the doors to the world of education

Decline in Dropout Rate
Over 75% Decline in Dropout

2016 2017 2018 2019 2020

CEEM

Costal Education Enhancement Mission Aim to equip students with quality primary education which will enable them to follow classroom activities in schools and thus excel academically and personally. CEEM activities are designed to improve a student academically, psychologically, and emotionally, and help them acquire basic skills.

⏱ Academic Hours (The hours include sessions delivered on holidays, night classes & special camps)

MissionTEN	Mentor A Child	STEPS
900 Hours	**400 Hours**	**150 Hours**

1. MAC (Mentor A Child)

A new project started under CEEM in June 2021 with the aim to teach basic language knowledge, sharpen skill sets, and develop linguistics to children in 3rd – 8th grades through games and activity-based methods. During this pandemic period, our volunteers reached out to the 54 students through phone calls and timely provisions were given, ensuring they are on track with their studies.

> **MAC project was inaugurated by Dr.Beena Philip, honorable Mayor of Kozhikode Corporation.**

The project CEEM - MAC, which gave wings to a broader perspective by enhancing various ideologies in concern, has been established and is currently in motion. The activities that are keenly designed by our curriculum development team are, in fact, very productive in the development of STEM education for the students. Evaluation is a continuous process, and a periodic exercise plays an enormous role in the teaching-learning process.

MAC has been successfully running for the past 9 months and is geared up to advance. iLab is working in all the ways possible to make our students succeed and reach their potential.

2. STEPS (Systematic Training for English Proficiency & Success)

iLAB proudly launched another project under CEEM. iLAB Volunteers of MAMO College, Mukkam, designed this project to improve the English language skills of higher secondary students of iLAB. This project would be highly beneficial for the students of previous batches of MissionTen project. The project was inaugurated by Dr Ajmal Mueen, Asst. Professor, MAMO College.

STEPS is mainly progressing in online mode. During the classes, students are asked to do an activity based on the respective day's curriculum with the help of their mentor. Homework based on the same is given to make the lessons thorough, and it is examined regularly. Currently, the curriculum is being revised for the expansion of the projects.

3. MissionTEN

MissionTEN is a project exclusively designed for the students of 10th grade. With SSLC being one of the most important hurdles faced by the students in this community, this project aims at enabling the student to be a continuous learners.

> in the previous year 2020-21, not only 100% success was achieved by our students, they were able to improve their grades as well.

After two successful years, MissionTEN kick-started another academic year with 30 students. This year the expectation and effort are higher because in the previous year 2020-21, not only 100% success was achieved by our students, they were able to improve their grades as well. Comparatively, we expect better results in correspondence to the improved teaching methods.

According to our assessments, we have seen that 73% of the students were lacking primary knowledge regarding Math, Malayalam, and English compared to other students in Govt Schools. At iLAB, we implemented strategies to fill the gap students had in achieving quality primary education.

The focus of MissionTEN was more on making everything scheduled and making sure everything was on track. It was conducted both in online and offline modes. The offline classes were taken early in the morning at the learning centres under the guidance of subject experts. Additional classes were scheduled for the students with less basic knowledge in each subject. This has helped the students to engage more in the class and understand topics deeply. Students also actively participate in online classes provided by the online education platform 'EduPort YouTube Channel' at our HiTech Hub.

In 2021-2022, iLAB witnessed immense growth in the upliftment of students academically and personally by organizing various programs and implementing modern strategies for a better learning atmosphere. We do concern about the volunteers and hence assist them with online and offline workshops and hackathons. The corresponding result developed in our students is the asset, the ultimate aim that we target. Students have also acquired refined views on life and clarity in choosing their career paths.

4. New Normal (Smart Learning Hubs & Hi-Tech Hub)

The emergence of pandemics has led the world to unprecedented uncertainties, especially in the domain of school education. When a swift transition from physical learning to the digital sphere emerged, iLAB was quick to respond by establishing 12 smart learning hubs. The generous support from our donors enabled us to do so.

> **79% of students had no access or limited access to online learning.**

We identified that 87% of families in our community struggled financially to meet their ends. Further, we noted that 79% of students had no access or limited access to online learning.

When the government announced the opening of schools, our students couldn't afford sufficient study materials. We asked for your help and you didn't let us down. iLAB was able to distribute study materials to 290+ students and gadgets to 7 students of our community.
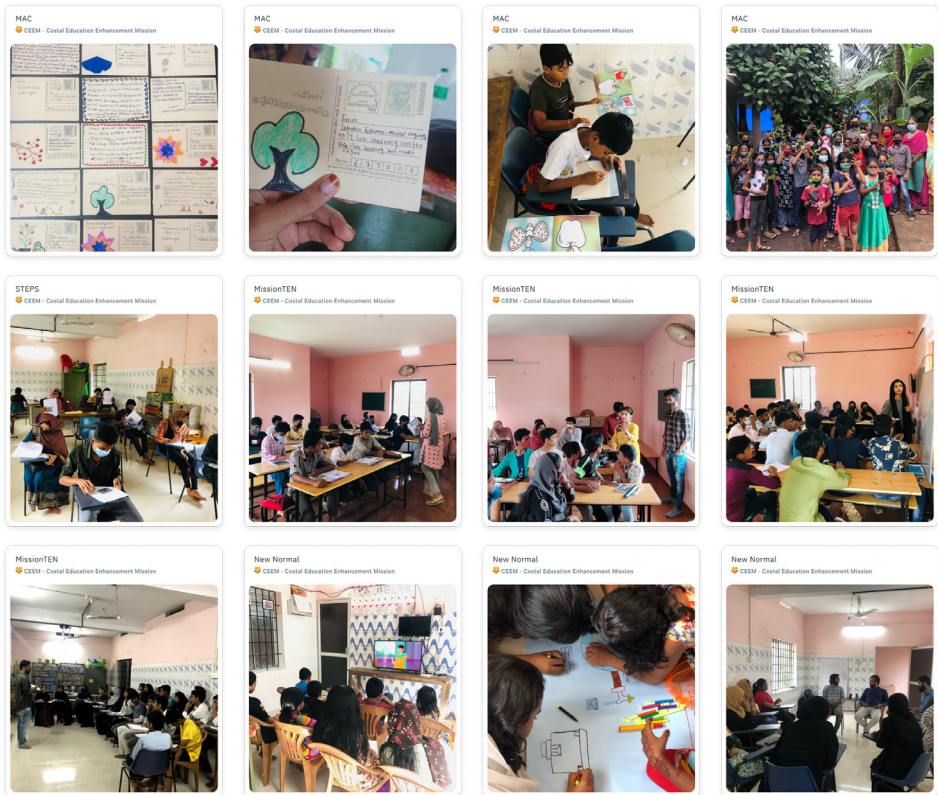
Smart Learning Hubs : Learning Hubs inculcate a sense of enthusiasm and belonging in children where they feel free to express their inner talents and emotions. iLAB's twelve smart learning hubs reopened for another academic year with First Bell 2.0 Digital Classes through KITE-VICTERS

> **There was an average attendance of 214 students daily present to watch their classes till Nov 2021**

Even though many students received gadgets and electronic devices from various groups, there were still students whose only hope was iLAB learning hubs. There was an average attendance of 214 students daily present to watch their classes till Nov 2021. A major group of students that did not have proper gadgets or internet connection in their homes thus benefitted from our hubs.

Hi-Tech Hub : Moving one step ahead, iLab succeeded in providing a free Wi-Fi facility, expanding the online accessibility for our students at the Tejus Learning Centre. This became possible with the gratitude provided by the CIESCO Education Wing. It was inaugurated by Mr Musafir Ahamed, Deputy Mayor of Kozhikode Corporation. CIESCO is in the work to expand the project to the full reality of being a digitally owned Corporation.

> iLAB succeeded in providing a free Wi-Fi facility with the gratitude provided by the CIESCO Education Wing

Volunteer Enrichment Programmes

As a part of adding value to the experience of our volunteers at iLAB, we conducted various training sessions in different areas.

1. Digital Skill Hackathon

iLAB, in collaboration with TinkerHub, organised the digital skill hackathon to enhance the technical skill of the volunteers. Around 45 participants from different parts of Kerala attended the two-day hackathon held at Cyberpark, Calicut.

2. Virtual Digital Skill Hackathon

Hackathons provide grounds for new ideas. By using 21st-century technologies and learning methods to foster a fresh breed of highly skilled young people with technical and social skills, Phase 2 digital skill hackathon was organized online.

3. Webinars

Managing Students in Online Classes

Prof. Mohammed Shareef
Head of Malayalam Dept.
Farook Training College

Fellowship Opportunities in India

Mr. Hameem Muhammad
Teach for India fellow, Social volunteer at
Gulmohar Foundation

Professional Skills

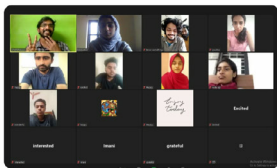**Mr. Thabassum Ahamed**
PhD Fellow, University of Southern California

Microsoft Excel 'Beginner to Advanced'

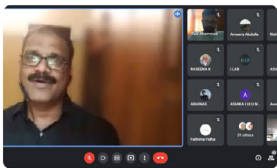**Mr. Mohammed Alfan**
MS Excel connoisseur, Microsoft MVP

Forging Your Way - Career Talk

Mr. Aswin G S
PhD Candidate, Univerity of Edinburgh, UK

Ms. Anjana R Kammath
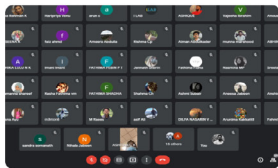PhD Candidate, Yale University, USA

Fellowship Opportunities in India
Volunteer Enrichment Programmes

Managing Students in Online Classes
Volunteer Enrichment Programmes

Managing Students in Online Classes
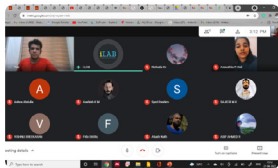Volunteer Enrichment Programmes

MS Excel "Beginner to Advanced"
Volunteer Enrichment Programmes

MS Excel "Beginner to Advanced"
Volunteer Enrichment Programmes

Professional Skills
Volunteer Enrichment Programmes

CSR (Campus Social Responsibility)

'Campus Social Responsibility' is iLAB's campus initiative, which has recently begun with a clear determination to expand the impact iLAB has inculcated on our youth.

Student representatives from six colleges, such as MAMO College, Devagiri College, Farook College, Guruvayoorappan College, Providence College, and PK College attended the session.

CSR (Campus Social Responsibility)

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Other Activities & Collaborations

1. Winter Camp

iLAB conducted a two-day camp for students from MAC project. Informative sessions, fun-activity sessions, and sessions for the artistic development of students were conducted by our volunteers. The camp was a real energy booster for all our students, as the first quarter of this academic year came to an end.

Also, a five-day camp was conducted for the students of the mission project. This helped to provide individual focus and attention to every student. Doubt clearing sessions, previous year question paper discussions, and focus classes were conducted.

2. Learning Hub Activities

Learning hubs are utilized for various co-curricular activities and academic purposes. Students use the Wi-Fi facility to attend online classes. It is extremely helpful for our students who are left out of the system due to a lack of internet facilities and cannot keep up with this world of digital learning. It also helps the students engage with other students and up-skill themselves by engaging in various activities and clearing their doubts under the supervision of learning hub assistants.

3. Internship Fulfilment

iLAB extended a call for interns to various departments as an opportunity for young talented professionals to contribute to the organisation in an effective manner.

The MSW students of Sree Sankaracharya University of Sanskrit Kalady, (Regional campus Payyannur), AWH College, Kallai and BSW students of Rajgiri College, Kalamassery, Sree Vidhyaraja College of Arts & Science, Karunagappally and Delhi University have successfully intended with iLAB reflecting every ounce of enthusiasm and determination. It's indeed a moment of pride to see the youth coming forward in joining hands for the nation. We offer our extended gratitude and welcome all the interns for being a part of iLAB even if it is for a short period. The impact you could create on our students is huge. We value your time and efforts.

4. Collaboration with BYJU's

Another milestone achieved in the history of iLAB, is collaboration with BYJU'S. BYJU'S Education for All, through its partner NGOs, enables children from rural areas and urban slums of India to get an equal opportunity to learn with access to BYJU'S free streaming licenses. iLAB is now part of Byju's 'Education for All' Campaign. This will provide our children with quality digital education and a better future.

Winter Camp
Other Activities & Collaborations

Winter Camp
Other Activities & Collaborations

Winter Camp
Other Activities & Collaborations

Learning Hub Activities
Other Activities & Collaborations

Learning Hub Activities
Other Activities & Collaborations

Learning Hub Activities
Other Activities & Collaborations

Internship Fullfillment
Other Activities & Collaborations

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Collaboration with BYJU's
Other Activities & Collaborations

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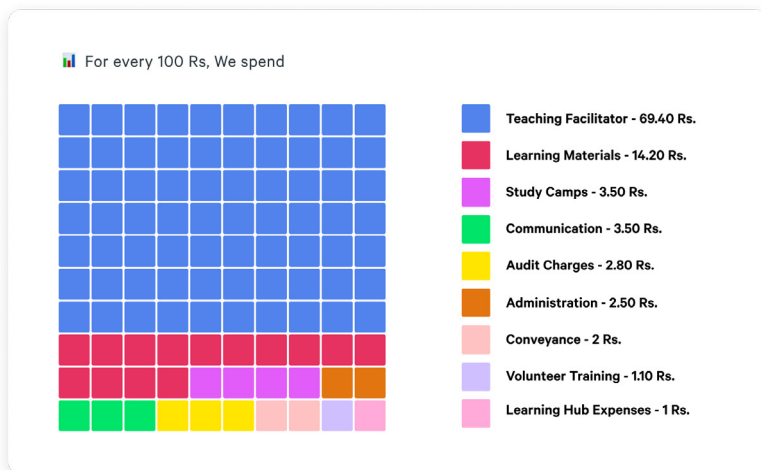

Collaboration with BYJU's
Other Activities & Collaborations

Financial Snapshot

We want to thank you for contributing your heartfelt gratitude and the overwhelming response to iLAB's #31DaysofGratitudeChallenge 2021-22.

For every 100 Rs, We spend

- Teaching Facilitator - 69.40 Rs.
- Learning Materials - 14.20 Rs.
- Study Camps - 3.50 Rs.
- Communication - 3.50 Rs.
- Audit Charges - 2.80 Rs.
- Administration - 2.50 Rs.
- Conveyance - 2 Rs.
- Volunteer Training - 1.10 Rs.
- Learning Hub Expenses - 1 Rs.

Want to see a child growing academically instead of paying taxes

Contribute to iLAB

SCAN & PAY WITH ANY UPI APP

iLAB

inspiring innovations

iLAB is a registered (KKD/CA/745/2017) non-profit organization
with 12A & 80G Certificate working for the upliftment of the coastal
communities of Kozhikode.