

INDUS CORE EDUCATION FOUNDATION

UNITED NATIONS SUSTAINABILITY
DEVELOPMENT GOAL (SDG 4.C)



Improving Students and
Teacher's Quality by 2030
as part of UN SDG 4.C

LIVING THE
SUSTAINABLE
DEVELOPMENT
GOALS



Actionable ways WE can
change the world.



Goal

Goal 4.3 By 2030, ensure equal
access for all women and men to
affordable and quality technical,
vocational and tertiary education,

Goal 4.C By 2030, substantially
increase the supply of qualified
teachers,

PROJECT GOAL

Teachers are essential to achieving Sustainable Development Goal (SDG 4) which commits to ensuring inclusive and equitable quality education for all by 2030. As a critical means of implementation, Target 4.c calls for a substantial increase in the supply of qualified teachers.

44 million additional primary and secondary teachers are needed globally to meet those 2030 targets. The impacts of such shortages are vast: they are costly for systems, increase teacher workloads and can damage the quality of education

PROJECT BACKGROUND

The global report on teachers reveals an urgent need for 44 million primary and secondary teachers worldwide by 2030. This includes a demand for seven out of ten teachers at the secondary level and a need to replace over half of the existing teachers leaving the profession



Indus Core Education is working diligently on the target 4.C where the focus is on improving the quality of teachers.

We believe that if the teachers quality is improved, this will automatically improve the student learning capability.



| | |
|-------------------------------------|---------|
| Number of Teachers Trained | : 12300 |
| Number of Institutes MOU signed | : 430 |
| Number of session conducted Online | : 700+ |
| Number of offline session conducted | : 120+ |
| Number of experts on board | : 21 |
| School Vs College Teachers Trained | : 1: 5 |



Indus Core Education Foundation is working towards improving the teachers quality and improve the learnability of the students using various techniques

1. Use of technology for preparing study materials
2. Understanding Student Psychology
3. Improve student participation
4. Teaching methods and attention span

The teachers quality is improved by enabling them with new tools and technologies available. Also training them on the psychological aspect of the students making the effective education delivery

We believe that once the quality teachers are produced who have access to latest Digital tools and Technology, the interest generated among the students towards the education will automatically decrease the drop out rates of the students.

Increasing the attendance will generate more interest among students to build the learnability among urban as well as rural students

ACTIVITIES CARRIED OUT

- Carried out the onsite program for teachers and school and college management updating them on the latest tools and technology in Educational Delivery.
- Generated awareness on the latest trend and happening worldwide which can be helpful while designing the teaching materials.
- Conducted offsite program of 3 days covering all the aspect of teaching pedagogy which includes the student psychology and other human aspect in improving the teaching effectiveness.
- Carried out session with experts in Education to share the best practices in Teaching.
- Generated online contents, carried out webinars and promoted the best teacher's competition on social media to boost the confidence of teachers.

- Created Award and Recognition of teachers at various levels such as Primary, Secondary and Higher Secondary and also at the Professional Course level to boost the confidence of teachers and promote their innovativeness.
- Key indicators have been identified to measure the quality of teachers and a quality of teaching.
- To generate passion and leadership attitude among teachers fraternity, the no individual games were conducted. Most of the games planned during session were the leadership games with Indian touch.

SUSTAINABLE OPERATION

In the first phase, while we build trust in the school/colleges, teachers were asked to pay a good faith fee of Rs. 1000 - 2000 for a workshop and the institutes have been asked for the infrastructure support and provide volunteer for carrying the sessions.

The idea being that fee we collected from them, we reinvest in the project and for their immediate welfare.

We anticipated that by the second phase, the institute management would have learned its value to them and will contribute more to the program in addition to the CSR funding from the corporates.



Education liberates the intellect, unlocks the imagination and is fundamental for self-respect. It is the key to prosperity and opens a world of opportunities, making it possible for each of us to contribute to a progressive, healthy society.

Learning benefits every human being and should be available to all.



An Advisory Board had assisted committee in setting priorities and policies.

SELECTION OF BENECIARIES

- We carried out the social media campaign and also an emailer to principals of the colleges.
- We were in touch with major educational institutions across Maharashtra and Karnataka where we convinced the management to train their teachers on these teaching techniques.
- Most of the professional colleges teachers have not undergone the formal education in teaching – they might be expert in their subject but we had to convince that the teaching is profession which requires good amount of passion and varieties and performance like a theater performance.
- We talked to corporates where the sponsorship was made to the faculties of the management alumni
- Online portal has been made with google forms where the teachers interested in these session have applied.
- Since it was post Covid and most of the classes were online, response from the college/school teachers was good.
- Most of the program carried out were a residential training session at Pune with 2 days of full time working.
- We set up various program including leadership games, technology session and psychology exposure along with live case study where the teachers could understand the best practices in teaching.

OPERATION MANAGEMENT

A Steering Committee for this project was consisting of Atul Joshi, Sangeeta Joshi, and representatives from the donors, The Indus Core Education Foundation, government officials, and local communities were overseeing the project.

Day-to-day operations were carried out by a management team under the supervision of the Indus Core Education Foundation.

Funds received were credited to a companies account in a bank(s) and were operated by The Indus Core Education Foundation.

The Indus Core Education Foundation had the overall responsibility for executing the project and coordinated its activities with government agencies and other NGOs participating in the program.

Indus Core Education Foundation team has developed the tracking and monitoring tools to monitor the effectiveness of the workshop over the period of 6 months.

Experts at ICEF help the teachers to correct their steps to achieve the quality goals defined during the workshop.

Various parameters observed during the follow up with the teachers are

- Check teacher engagement in school activities
- Monitors if teachers applying for various competitions
- Check to see if teachers Facilitate agenda-based Parent Teacher Meeting
- Teachers to perform Classroom enrichment as Sample Classroom for demonstration and replication
- Teachers to create an innovation club which works towards developing projects based on ideas of students
- Check to see if teachers proactively report their progress card to the school management

62% of the students states that there is change in teaching pattern which interest to them focus on full class duration

87% of the student feels that the teaching is innovative and they learn something new every time they attend the lectures

93% of the students feels that the teacher makes them a part of learning process and allow students to present their ideas during the classroom sessions.



Teaching Pedagogy and Technology Use in Teaching at YSPM Yeotmal



Teachers Training workshop at SB Jain College Nagpur.



Teachers Training workshop at DY Patil College Pimpri Pune



Teachers Training workshop at College of Engineering Phaltan



Teachers Training workshop and Certificate award at Pune



Teachers Training workshop at RIT Islampur MH INDIA

Teachers Attended such training program first time :

95%

Teachers feels the need of such program during their careers

93%

Teachers feels that this shall improve their teaching delivery

: 99%

Teachers feels that this will improve the attendance of the students in the class

: 91%



The trainers have been very helpful and have worked very hard with us. They have done their best and the training couldn't have been better.

Asst. Professor – SSGMCEO Shegaon

TESTIMONIALS

I was apprehensive at first since we're already doing a lot of inquiry-driven teaching in our classes; but at the end now, I feel it's given more structure to what we already do

Asst. Professor – DY Patil College Pune

I was so amazed to have this session which helped kick off my teaching career. The program was so systemic, informative, and constructive that even in teaching profession we had not anticipated that there is still an improvement requirement in our teaching techniques. The experts' methods and their sense of humor always makes the techniques easy to understand. Specific examples help us to remember well.

Professor –BSIOR Engineering College Pune

I found the workshop to be very well organized, thorough and totally comprehensive. I am not sure what my expectations were before beginning the course but I'm sure I never envisaged covering so much ground in such a short period of time. The experts were of very high standard.

Sec. School Teacher– SPM Yeotmal

This was the most challenging workshop I have ever done and it was definitely the most rewarding. First time I could value the importance of team games over the individual games and understood that the performance means.

Sec. School Teacher – Akola MH INDIA

After this workshop – first time we could get the sense of responsibility for the job we are doing. We understand that **Teaching is second only to parenting** in terms of sacrifice and reward

Jr. College Professor – YC Clg Nagpur

One of the expert during the workshop said that **“Teaching is one of the most challenging professions and will test you to your limit but stick with it and the rewards are endless”** stuck to our mind so much that it changed our perspective toward the teaching profession

Professor – DY Patil College Mumbai

I have had support with planning, how to improve classroom behavior, and all round support in my teaching practice. All experts were eager to help me throughout my training and provide the right feedback for improvement of teaching skills

Sec School Teacher – Mehkar MH INDIA

I feel that I have learned and developed many skills in just two days of the workshop. In particular, I feel that my creativity, classroom presence and behavior management have improved just with listening to the feedback from experts

Sec School Teacher – MES Satara MH

47% of the teachers have reported that there is an improved student/teacher relationship, improved attentiveness in class, participation level and creative thinking Learning benefits every human being and should be available to all.

Teachers reported that their efforts, talents, and skills being recognized is 2.5 times higher by the management post attending this workshop

FUTURE ACTIONS

The two day syllabus and program on Quality Improvement of teachers are being developed in Microsoft PowerPoint 2016.

At present this material is information rich and in the form of brief summary statements. Over the time we propose to convert this into a modular multimedia format so that this can be made online and maximum teachers shall be benefited with the content we create.

Offering teaching pedagogy and improve teaching methodology in a simple manner will be an integral part of the teacher's education program.

A second important way in which we propose to deliver these sessions is to develop homegrown video demonstrations. These will be recorded using teacher itself who have attended the session and were rated highest in all the test carried out during the sessions.

These videos will be duplicated for distribution and the school staff later will be trained to brief their counterparts and demonstrate the best teaching practices so as to improve the knowledge among teaching fraternity.

Indus Core Education Foundation is working with various corporates to fund this program under CSR initiatives and planning to setup the Virtual Clinic near Pune where the experts are easily available to render their services.

The future plan is to develop the infrastructure near Pune which will host 2 batches of teachers and become the training hub for teachers across India. This shall be residential training center with facility of team building, training and entertainment.



Planning workshops to increase the coverage of teachers, In cases where the complete participation of all the teachers of the institutes for whom the workshops have been planned is not attained, the workshops can be organized on multiple days or spread across short intervals.

This will help to ensure that all teachers are covered as a part of these workshops in a specific period with the help of ToT programs.

Customized support for schools can be offers. Over the period, the education system has evolved since the initiation of QSP across all the states, there are certain activities which the government schools are conducting as part of their own mandates from State Education departments so the customized program/workshop can be design to suite their needs.

Providing clarity to school leadership and teachers on the programmed duration including the tapered exit for ensuring programmed sustainability and can have many entry and exit points instead of just 2 day workshop where the learning happens but monitoring and tracking of the same is a difficult tasks. So like Diploma/Degree award similar structure can be developed for teachers education based on the QSP



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Learning benefits every human being and should be available to all.



The approach is holistic. It is designed to be sustainable and yield long-term changes in improving quality of education. The basis measure of success will be winning the trust of the educational institutes, making significant changes in teaching patterns and in turn improve the quality of education.

The Indus Core Education Foundation and its senior management have previously demonstrated their ability to organize and manage major projects and coordinate their activities on an international scale. In particular, for many years Atul Joshi has been the chief executive of a company that has hundreds of multinational corporate clients in various countries

Central and State governments are key partners in our proposed activities. They have long-term vested interest in seeing this project succeed. as these initiative under United Nations Sustainability Goal 2030 SDG 4.C has much more focused by international agencies like UNDP, World Bank, and WHO.

REASON FOR SUCCESS

Novice teachers need ongoing support to build their motivation and professionalism which in turn prevents early career attrition

Initial teacher training that incorporates an adequate in-school experience, followed by induction and mentoring in the novice years are key elements for improving teaching quality.

With changing technology paradigm like AI and ML, the students are well verse with the technology and teachers needs to be at par with the students in terms of teaching or in terms of using the technology. So its utmost important for the teaching fraternity to align themselves with these training needs. So acceptability among the teachers for this training is very high

ABOUT THE INDUS CORE EDUCATION FOUNDATION

Indus core education foundation is a Pune Maharashtra India based not for profit organization focusing on two major United Nations Sustainability Goals (SDG 2030). Our focus is on SDG 3.4 - Non-communicable diseases and mental health and SDG 4.C - Improving Teachers Quality. Indus Core Education is working from last 5 years to spread the produce the quality teachers ultimately improving the quality of students.

FOR MORE INFORMATION

| Name | Contact Information |
|--|---|
| Atul Joshi Email | +91 7720019484 info@induseducationfoundation.org www.induseducationfoundation.org |
| Dr. Sangeeta Joshi Counselling Support | For all counselling related queries +91 7720019485 |

INDUS CORE EDUCATION FOUNDATION

UNITED NATIONS SUSTAINABILITY
DEVELOPMENT GOAL (SDG 3.4)

About Indus Core Education Foundation

- Pune-based Indus Core Education was started out of the deep understanding that the state of the education in India which requires the quality teachers and mentally strong students.
- Another vision is that communities living in socio-economic backwardness and information poverty can be empowered to improve their lives on their own, simply by providing them access to information and knowledge on using digital tools.
- Indus Core Education Foundation was registered as a not-for-profit organization under Section 25 of the Company Act 2013, to carry out this mission of empowering student and teachers fraternity.
- Indus Core Education Foundation has adopted a multi-stakeholder and multi-dimensional approach and aligned its objectives the United Nations Sustainability Development Goals 2030 and focusing its work on SDG 3.4 and SDG 4.C.
- Both these goals are interlined with each other as the mental health and well being of the students are directly related to the Teachers Quality improvement and leads to better teaching techniques reducing mental stress of the students.

Mission

Our mission is to adopt a passion and commitment for constantly empowering teachers, especially students, faculties and information-dark communities, with the power of information



Vision

Our vision is a world where mental health is valued, promoted and protected; where mental health conditions are prevented; where anyone can exercise their human rights and access affordable, quality mental healthcare; and where everyone can participate fully in society free from stigma and discrimination.

Indus Core Education Foundation (ICEF) has played its part as the implementing agency for creating awareness on Mental Health, its impact and overcoming strategies and will continue to work PAN INDIA to provide support, expert advices, literacy, tools and technical support to make India joyous and tension free.

Key statistics

- Total Number of Beneficiaries : 20,782
- Total Session carried out : 100+
- Districts Covered : 13
- Campaigns carried out : 98
- Experts on board : 7



**Ultimately, there is no
health without
mental health.**

WHY CHOOSE ICEF TO IMPLEMENT YOUR CSR



Working hand in hand with partners, we use our expertise and learnings on the ground in rural communities to achieve lasting change. Here's why it makes sense to partner with ICEF for your CSR implementation



We are exploring the possible partnership with your organization under CSR Initiatives to achieve the goal
Please reach out to us at +91 7720019481/84/85 or write to us at info@induseducationfoundation.org

ORGANIZATION DETAILS



| Description | Remarks | | | |
|---|--|------|--------|-------|
| Name of the organization | Indus Core Education Foundation | | | |
| Contact Address | G-7,Karan Greens, Mumbai-Bangalore Highway, Warje PUNE MH INDIA 411052 | | | |
| Email | info@induseducationfoundation.org | | | |
| Contact Number | +91 772 001 9481 | | | |
| Location of the Project | Maharashtra, Madhya Pradesh,Gujrat, Andhra Pradesh, Telangana, Chhattisgarh and Jharkhand | | | |
| Bank Account Details | Account Name : Indus Core Education Foundation Account Number : 2393 01 000570 Account Type: Saving IFSC Code : ICIC0002393 Bank : ICICI Bank Limited Branch : Warje, Pune MH India | | | |
| Legal status | Registered as Section 25 under the company act 2013 | | | |
| Registration Details | Reg. No. U74999Pn2016NPL165792 Date of Registration : 01-Aug-2016 | | | |
| Income Tax Registration | a)Under Section 12A / 80G of Indian Income Tax Act b) FCRA – Application is in Process by which all donation to INDUS CORE EDUCATION FOUNDATION are exempted. | | | |
| Name of the Contact Person Designation | Atul Prabhakar Joshi Director, Indus Core Education Foundation | | | |
| Staff Position & Number | Staff Categories | Male | Female | Total |
| | Professional | 03 | 02 | 05 |
| | Para Professional | 03 | 03 | 06 |
| | Support Staff | 02 | 01 | 03 |
| | Advisors | 04 | 03 | 07 |
| | Volunteers | 02 | 02 | 04 |

TARGET TO ACHEIVE

- Number of Beneficiaries to reach : 8,000
- Total batches to be carried out : 20+
- Trades to be covered : 4
- CoE to be setup : 4

States focused : Madhya Pradesh, Orissa, Jharkhand, Uttar Pradesh, Chhattisgarh

Some of the sessions



DDUGKY program - session on communication skills as a part of employability skill class



DDUGKY Technical training - Domain training class - meeting the all the compliance as per the DDUGKY SOP

IMPACT

Currently all the programs are done with the volunteering and the individual contribution. No agency has been participated in this project, as we are reaching out to the funding institution to contribute to this cause

We bring together new paradigms that fully exploit modern technology and incorporate anticipated developments

We shall establish collaborations with corporates facilitate the continuous improvement into the education delivery



TEAM



Mr. Atul Joshi is passionate about enabling people to excel in their personal and professional lives and working in the field of Mental health from last 15 years



Mr. Nawnath Gaikwad is having more than 30+ years of experience in Hypnotherapy and guided more than 1,00,000 students on Mental Health and avoid Suicidal Tendencies



Mrs. Aruna Shete - having worked on women's issues for over 30 years as a grassroots worker, trainer, implementer and a leader enabling women to live a life of dignity, freedom



Dr. Sangeeta Joshi being a Homeopath by profession - has 26 years of experience in handling health system research projects in tribal and urban areas specialized in Clinical Psychology and Counselling



Mr. Vinod Patrikar is a part of the foundation's legal team, he primarily worked on compliance with the tax laws applicable and monitoring international grants, and overseeing corporate governance



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