

Concept Note

Personal Information of Head of Organization/Applicant

First Name	Atul
Last Name	Joshi
Email Id	Atul_joshi@icloud.com induscoreeducation@gmail.com
Contact Number	+91 772001 9481, +91 9850836972
Country	India

Grantee Organization Information

Organization Name	Indus Core Education Foundation
Date and year of registration	01 Aug 2016
Nature of Organization	Section 8 under company act 2013
Province/Country	Maharashtra, India
City/Town	Pune

Project Proposal Information

Conduct the Health Check-up of students of primary and secondary schools with record keeping using digital technology.

Name of Project/Proposal - Thematic Area/Subject Area

The objective of this program is to improve and enhance the healthcare services in the rural /urban and under privileged schools. We propose to do this by applying novel solutions that take advantage of developments in harnessing the use of information technology.

Our strategy is to use technology to provide effective early medical intervention, deliver expert health care, and minimize the inconvenience caused to patients and health-workers from poor logistics and long travel time.

An equally enhancing the role of PHCs in providing health education emphasizing family planning, hygiene, sanitation, and prevention of communicable diseases.

A last step in this process will happen through video consulting and examination, a technology we anticipate becoming available in rural areas by year 2020

1. Executive Summary* (max 400 words)

(Brief details about the organization and its past experience of handling projects of proposed concept)

INDUS CORE EDUCATION FOUNDATION is a pioneer social development organization in the Western Part of India working through out Maharashtra, Madhya Pradesh, Gujrat, Andhra Pradesh, Telangana, Chhattisgarh and Jharkhand for the students, parents, professionals, Teachers, Women and Youths. of backward, minority and Scheduled Caste and Scheduled tribe Dalit communities.

Indus Core Education Foundation is a nonprofit organization registered in 2016 and formed as Section 8 company under the Company act 2013 and since then concentrating on basic social and economic development issues such as education, health, empowerment, entrepreneurship development and environment. It is backed by the expert in the field of education, technology as well as behavioral sciences.

Company has applied for F.C.R. Act under Ministry of Home Affairs of Government of India. The organization was also approved for Tax exemption under Section 12A & 80G of Income Tax Act, 1961 under Ministry of Finance, Govt. of India and well set to take up major program intervention in national and inter-state developmental issues.

In addition to the proposed health awareness program, INDUS CORE EDUCATION FOUNDATION is also involved in various employability improvement program. Over the years it has been realized that promotion of education, concretization and capacity building of rural as well as urban youth is the key to youth empowerment. Since then we have been working for promotion of awareness, research, functional education, vocational training as well as economic development of the people at the grass root level, especially for those who are remaining in poverty and backwardness. Major focus of this initiative is on Youths and Teachers.

The proposed project is to conduct the pathology test of around 1,00,000 students in the first phase spanning 2 years: 2019-2021. Initially, schools will be selected in the Maharashtra subsequently, additional schools will be selected states like Madhya Pradesh, Jharkhand, Chhattisgarh.

The objective is to

- Improve and enhance the healthcare services in the rural /urban and under privileged schools. We propose to do this by applying novel solutions that take advantage of developments in harnessing the use of information technology.
- Our strategy is to use technology to provide effective early medical intervention, deliver expert health care, and minimize the inconvenience caused to patients and health-workers from poor logistics and long travel time.
- An equally enhancing the role of PHCs in providing health education emphasizing family planning, hygiene, sanitation, and prevention of communicable diseases.
- A final step in this process will happen through video consulting and examination, a technology we anticipate becoming available in rural areas by year 2021

2. Problem Statement* (max 200 words)

(Briefly describe the problem you are proposing to address through the project.)

Today, the Indian government spends only about 1% of its GDP on healthcare, which is among the lowest globally for any country.

The long-term goal of the Indian government and international funding agencies has been to provide health care to rural communities through PHCs. However, even with large funding, these centers have not been successful for a variety of reasons.

Even more important is a social reality: there just are not enough trained and qualified doctors to adequately serve the entire urban and rural populations of India even if we could provide financial incentives for them to work in rural areas.

Our plan, therefore, is to increase the effectiveness of doctors. This can be accomplished by reducing the need for doctors in the initial screening of students, and by collecting the initial diagnostic data from the rural population and that too from the students.

In many cases, diseases are not diagnosed in their initial stages nor treated. People have to travel to urban areas when they can't bear the suffering caused by the disease, increasing the load on hospitals in urban areas and ending up with serious complications that, in many cases, could have been treated at early stages

3. Location and Theme (max 200 words)

(Details about the location for proposed intervention, thematic area/ portfolio under the Section VII of Companies Act, 2013 which the project falls under. List any related facts related to geography/ theme/ portfolio, which impacts the scope of work involved in the project)

The need to rectify this problem has become critical especially given the fact that over 650 million people live in rural areas across the country with poor awareness of health issues. This ignorance, coupled with the increased mobility between rural and urban areas, has led to an explosive increase in the spread of diseases like HIV/AIDS and Hepatitis B and C.

We envisage getting the pathology diagnosis as the first level in a hierarchical system of health care facilities. At this primary level, the pathological report will play two equally important roles: First, diagnosis of diseases based on symptoms and simple laboratory tests, and their treatment either at the centers or through referral.

Second, health education leading to better hygiene and sanitation, and prevention of communicable diseases, especially sexually transmitted diseases.

The government has shown keen interest in finding private partners to revitalize the this change in identifying the common diseases and prevent them. To this end The Indus Core Education Foundation, is planning to initiate a pilot project involving 100000 students undergoing pathology test. The Indus Core Education Foundation will coordinate and manage this proposed project.

4. Strategy to address the problem* (max 1500 words)

(Mention your strategy to address the problem in the geography mentioned by you. Give details of how the implementation approach and strategy is innovative/superior as compared to existing approaches)

Project Overview

The first step is to associate with the existing pathology test labs to carry out the test at the very affordable cost.

Each diagnostic lab will have a full time staff consisting of a paramedic individual to perform initial screening with the computer, a trained nurse or physicians' assistant, and a laboratory technician. Training of this staff in the novel technology and in the holistic approach we are proposing will be extensive and continuous, and their performance will be monitored constantly.

All the reports shall be uploaded to the software ACCREDIATE specially developed by Indus Aviation Systems as a document depository system.

Students undergoing the test will also be provided health education by the staff through posters and through audiovisual demonstrations. Providing information and help with family planning, and awareness on communicable diseases, will be a key role of the staff.

Over a three-year timeframe we propose to connect doctors to this platform who can review the test reports and suggest the measures to PHCs or the government agencies to eradicate certain diseases. Doctors can perform pattern detection and epidemiological analysis, thereby predicting epidemics and exposing widespread health problems in their early stages. This enhancement will allow on-line access to specialists via e-mail, further reducing patient's travel time and cost and the load on urban health care facilities.

As a final step, we anticipate enhancing the diagnostic capability through video consultations wherein the students (through the PHC) will access a physician (and even a specialist) via a two-way video camera and screen. We anticipate that this technology and the required transmission rate using cellular connections will become a reality in rural India in next 2-3 years.

Health education and disease prevention

Rural India faces many very serious problems. Notable amongst them are potable water, emerging pandemics, population control, good hygiene and sanitation practices, basic education, and simple techniques for improving their crops and lives . One cannot expect to upgrade the people's health without simultaneously making an impact on these issues, and vice versa. We will, therefore, train and empower the teachers to spread awareness on some of these issues, build trust within the community, and to take a holistic approach to health care.

Using the telephone link to the central facility, relevant training and educational material and specific health instructions will be periodically transmitted to the computers at all the schools, and the status of various educational programs will be monitored

Community Involvement

To facilitate this we plan to involve the local population in the operation and in the community outreach programs. The monitoring role of The Indus Core Education Foundation will be to evaluate the performance of program and to provide guidance. Evaluation will be based on one simple criterion — whether the students and community of the nearby school have significantly improved the health and wellbeing of the community

Description of Accrediate

ACCREDIATE (www.Accrediate.com) is a software system developed by Atul Joshi , the founder of The Indus Core Education Foundation, a non-profit trust. It can provide a document depository for the students including domicile, leaving certificate and also the year wise diagnostic report from the pathology test with student's health status

Project Goal

Our goal is to conduct the pathology test of around 1,00,000 students in the first phase spanning 2 years: 2019-2021.

Initially, schools will be selected in the Maharashtra subsequently, additional schools will be selected states like Madhya Pradesh, Jharkhand, Chhattisgarh.

We will be able to achieve this target in coordination with State agencies. Based on the calculations presented above, we anticipate a total outlay of Rs 20 Million toward this. Since each school reaches between 100-1,000 people, this modest start will address issues of primary health care and health education for about 10 million students in rural areas.

It is hard to believe that investing Rs 3000.00 per student per year will make such a BIG difference in the lives of so many. We feel confident that it will.

Cost Recovery for sustainable operation in future

In the first phase, while we build trust in the schools, students will be asked to pay a good faith fee of Rs. 10 - 15 for a test , and the community will be asked to provide volunteer labor for carrying the camps. We anticipate using the money collected by the Schools from the students for community services. The idea being that anything we collect from them, we reinvest in the project and for their immediate welfare.

We anticipate that by the second phase, 2021-2023, the community served by a given school would have learned its value to them. We anticipate that they will be willing to pay Rs. 20 per test by then.

Management of operations

A Steering Committee consisting of representatives from the donors, The Indus Core Education Foundation, government officials, and local communities will oversee the project. An Advisory Board will assist this committee in setting priorities and policies.

Management of the Project

Overall project management is the responsibility of The Indus Core Education Foundation. An advisory board will assist in continued development of the concept and strategy. The steering committee for this project will consist of Atul Joshi, Sangeeta Joshi, Aruna Shete nominees of major donors, representatives of local, state, and central governments, and prominent local physicians. We anticipate the total strength of this committee to be up to 20 individuals.

Health Education and Community Activities

Initially we shall concentrate on the following community health education related activities:

- Training of local women as midwives to reduce risks during childbirth.
- Instruct women on pre-and post-natal care and early childhood development.
- Provide information on family planning and birth control.
- Give instructions on simple practices that improve hygiene and sanitation.
- Provide instructions on how to make drinking water safe.
- Provide information on how to reduce the risk of communicable diseases.

An educational course on health and hygiene, emerging pandemics (TB, malaria, Hepatitis B, Hepatitis C, sexually transmitted diseases, and HIV), addictions (alcohol, tobacco, drugs), abuses (emotional, physical, sexual), and environmental concerns (air and water pollution) has already been developed in Microsoft PowerPoint 2013.

A second important way in which we propose to deliver these instructions is to develop homegrown video demonstrations. These will be recorded using local people who hold the respect of the communities, and using local situations to provide better identification with the problems and the solutions. These videos will be duplicated for distribution and the local school staff will be trained to further explain and demonstrate the procedures so as to make their adoption easier.

5. Financial Requirement* (max 1000 words)

(Outline the funding requirement at of the project. You can insert a table here consisting of heads under which expense is required)

The following 2 types of costs are associated with the project:

1. **ACCREDIATE Development Cost:** The Indus Core Education Foundation has already invested Rs.5.5 Million in the design, development, and enhancement of ACCREDIATE. Further development/enhancement costs are also likely to be substantial. We are not including these development costs in our estimates and in the funding request.
2. **Costs per 1,00,000 students:**

Description	Unit Cost (INR) Per Quarter	Total Cost (INR)	Cost for 4 Cycles in a year
Pathology Test per students (Discounted Price from the Pathology Lab Institutes)	500	5,00,00,000	20,00,00,000
Remuneration to the medical practitioner (per day) assuming 1.5 Years program	50,00,000	50,00,000	2,00,00,000
Computers and Printers	10,00,000	10,00,000	10,00,000

Medical Supplies, Stationery, etc	75,00,000	75,00,000	3,00,00,000
Logistic and Transportation	7,50,000	30,00,000	30,00,000
Students Fees Collection for Test	20	-20,00,000	-20,00,000
Campaign and Advertisements	1,00,00,000	1,00,00,000	4,00,00,000
Total		7,45,00,000	29,20,00,000

We propose to amortize the pre-operating costs over five years. Based on this, we expect an expenditure of Rs 29,20,00,000 per 100000 students for on year with four cycles. To our above estimates we add a 8% per annum increase in cost due to inflation, and a 20% for expenses towards

- Maintaining Support and Training Centers
- Coordination and monitoring of students,
- Enhancement of ACCREDIATE
- Development and distribution of health education materials
- Administration and fiscal management of the project

This proposal is being submitted by The Indus Core Education Foundation for funding toward INR 29.20 CR required for the project over a 1-year period. Since the project involves the participation of non-governmental organizations, central and state governments, health institutions and corporates, it is anticipated that several donors will contribute toward the necessary funds. For further information, please contact Atul Joshi at addresses noted below.

*Atul Joshi
Director,
Indus Core Education Foundation,*

*Email : atul_joshi@icloud.com
Mumbai-Bangalore Highway, Warje Pune MH India 411052.
Mobile : [+91-772001 9481](tel:+91-7720019481) / [+91-9850836972](tel:+91-9850836972)
Linked In : www.linkedin.com/in/atulpj
Web: www.induseducationfoundation.org*

6. Project Duration * (max 300 words)

(Proposed time for completion of various interventions, baselines, project implementation, mid-term assessment, impacts, finances etc.)

The office of INDUS CORE EDUCATION FOUNDATION is situated at PUNE MH INDIA . The main is divided in to two wings: program office and administrative office. The program office primarily looks into the physical implementation of the project in specific project villages. The administrative office deals with general administration, accounts, project formulation, fund generation, documentation, studies, consultancies, overall planning & monitoring.

Professionals from central office visit project areas every week and personnel from field office also keep on reporting to central office in a rotational way i.e. one person every week

Project Reporting and Status Monitoring

INDUS suggests that a formal communication plan be developed during the project planning stage, which will facilitate smooth functioning of the project

This communication plan will help monitor the work progress through regular status reports and teleconferences identify risks and issues at an early stage among all the stakeholders to make this project successful.

Communication Type	Communication	Frequency	Remark
Progress Report	Email	Every Month	Status report will be published by the INDUS Lead with sufficient detail on the progress of the project on a monthly basis. The report will be delivered to all the key stakeholders
Conference Calls	Telecon	Every Month	Conference call involving all key stakeholders to closely monitor the health of the project. The status report and project plan will be reviewed on a monthly basis during the status meeting
Minutes of Meeting	Email	Every Month	Minutes of the meeting (MOM) will be published by the INDUS Lead clearly highlighting the discussion points and action items with specific responsibilities
Issue Tracker	Email	Every Quarter	List of currently open issues along with the responsibilities will be reviewed on a quarterly basis
Management Review	Telecon	Every Quarter	Project Priority and Status on key Milestones shall be discuss with the Management Representative of Donor and INDUS Board.

Project specific Management of operations

A Steering Committee consisting of representatives from the donors, The Indus Core Education Foundation, government officials, and local communities will oversee the project. An Advisory Board will assist this committee in setting priorities and policies.

Management of the health care Project

Overall project management is the responsibility of The Indus Core Education Foundation. An advisory board will assist in continued development of the concept and strategy. The steering committee for this project will consist of Atul Joshi, Sangeeta Joshi, Aruna Shete nominees of

major donors, representatives of local, state, and central governments, and prominent local physicians. We anticipate the total strength of this committee to be up to 20 individuals.

7. Contribution from Other Sources (300 words)

(List private/ public/government agencies who intend/may intend to partner the concept for implementation)

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.

8. Impact assessments (summary in 500 words and attach files)

(Attach the outcome of similar projects executed in the past along with impact assessments, financial assessments and lessons learnt should be mentioned)

Reasons for Our Optimism

This is an ambitious proposal, yet, we are very confident of success. In fact, failure is not an option for us. We list here the most important reasons for our optimism.

1. The timing is right. India is undergoing a tremendous transformation to open markets, and has leveraged its development on the boom in Information Technology. The potential for India to emerge as a modern technological giant, however, depends on its ability to close the economic and literacy gap between its rural and urban populations, manage health pandemics, and control the population. For this to happen, a long-term sustained investment in rural development, with health care and health education as the foundation stone of this initiative, is essential.
2. We bring together new paradigms that fully exploit modern technology and incorporate anticipated developments in both human and material resources.
3. The approach is holistic. It is designed to be sustainable and yield long-term changes in rural health care and welfare. The basis measure of success will be winning the trust of the local populations, making significant behavioral changes in their daily lives, and improving their understanding of, and involvement in, a modern technological society. Population control is expected to be a major result of this strategy.
4. We believe proper training of school teachers is the key to success. To achieve this we shall develop material in audiovisual format with simple examples that people can identify with. We shall involve the best minds worldwide to act as advisors to help in the continuous development and refinement of the training program. We shall establish collaborations with local hospitals to facilitate the next higher level of health care for the rural population and involve NGOs and schools of social work to help us implement life-style changes.
5. 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.

Some of the earlier projects done by INDUS CORE EDUCATION FOUNDATION

Faculty Development Program to bridge the gap and improving employability

Date: 16-Dec-2016

An workshop for engineering faculties has been arranged by Indus Core Education foundation in association with S B Jain Institute of Engineering and Management Research Nagpur..

Program is held on December 16,2016 to all the faculties and students of the college.

The theme was to bridge the gap between industry and academia. The session was focused on the innovation and research and how to improve the employability of the students by thinking about the Plan B

Following are the program component which has been explained in detail to understand the lacunas in the current learning process. This Components shall consist of details about:

1. Research and Innovation
2. Improving teaching methods
3. Students Counseling
4. Increase employability

Number of questions and queries has been answered by experts coming from the attendees.



National Conference on Innovation Engineering and Management Education

Date: 08,09 Oct 2016 Place: RIT Sakhrle , Walchand College Sangali.

Indus Core Education Foundation has attended National Conference on Innovation on Engineering and Management organized by Walchand College Sangali and RIT College Sakhrle.

Indus Core Education foundation has promoted the products like “Prashikshak” and “Parivartan” to promote outcome based education.

Indus has helped attendees to incorporate new technologies in teaching practices.

Following are the program component which has been explained in detail to understand innovation techniques and outcome based education. This Components shall consist of details about:

1. Share and disseminate innovative teaching and learning practices
2. Encorporation of new technologies in teaching
3. Forming new ways for learning and teaching experiences.

Outcome based Education.

4. Under Graduate Research Opportunities
5. Use of modern tools in teaching.



Cashless Transaction Workshop for Senior Citizens and Womens. *Small step towards digital India.*

An introductory workshop for digital /cashless transaction has been arranged by Indus Core Education foundation in association with IETE (Institute of Electronics and Telecommunication Engineers)



Program is held on December 18, 20 and 22. Total 210 senior citizens has attended the program and taken benefit of this program.

Knowledge on Digital payment, cashless transactions , precaution while doing cashless transaction , UPI and Paytm has been shared by Mr. Atul Joshi and Rohiet Pimpale

Following are the program component which has been explained in detail to understand the complete digital payment systems. This Components shall consist of details about:

- Cashless payments
- POS
- Pre-requisites
- Types of E wallets
- UPI & Paytm

Number of questions and queries has been answered by experts coming from the attendees.



**Cashless Transaction Workshop
In Association with**

**IETE and
Indus Core Education Foundation**

A step towards digital economy....

18-Dec-2016

Atul Joshi
Indus Core Education Foundation
Email : atul@indusaviation.com
Mobile : +91-985085872

Appendix : About INDUS CORE EDUCATION FOUNDATION

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	induscoreeducation@gmail.com			
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

Description	Remarks
Target Groups	Youth, Women & Children Socio-economically Deprived Communities: SC, ST, OBC Primary and Secondary School Teachers Engineering and Other Professional Teacher Engineering and Professional Students Primary and Secondary School Students Parent Community Senior Citizens

Description	Remarks
EDUCATION & TRAINING PROGRAM	Vocational Training for Youth & Women Computer Training for Youth & Women Skill Development Training Program Free Coaching Program for Socio-economically Deprived Vocational Training for Disabled Students
PROMOTE QUALITY EDUCATION FOR SKILLED WORKFORCE	Promote Education, Higher Education, Counseling, Parental and Guardian Services to the students for studies. Assist in admission support to students, training to students as to their behavioral aspects, Guidance on Cultural Awareness program, Counseling Services during the academic years. Extend assistance to existing special needs initiatives for children in rural as well as tribal region Conduct health check up programs for the students
TRAINING PROGRAM ON ENTREPRENEURSHIP DEVELOPMENT	Training on Farming Sector Development Training on Rural Enterprise Development
STUDY AND RESEARCH	Program Implementation in Farming Sector Development Program Implementation in Rural Enterprise Development Program Implementation in Rural Development Program Implementation in Healthcare Services & Nutrition Sector
WOMEN EMPOWERMENT & GENDER EQUITY	Promotion of Women SHG Capacity Building Training for Women SHG members Skill Promotion Training of Women SHG members
HEALTHCARE AND HYGIENE PROGRAM	Health Camps Diagnostic Data Collection Disease and Epidemic Identification
SCIENCE & TECHNOLOGY FOR RURAL DEVELOPMENT	Awareness on Science & Rural Technology Demonstration of Sustainable Models Promotion of Digital Technology Promotion of Cashless Economy

With a more than a year experience in development and thrust on training and community organization“ INDUS CORE EDUCATION FOUNDATION is a unique organization in PUNE MH INDIA which can offer value oriented services to the Support Agencies, NGOs, CBOs, SHGs, and individuals who are genuinely interested in capacity building for development. The range of services INDUS CORE EDUCATION FOUNDATION can offer to/for its clients in development are:

- Conduct Research, Studies, Appraisal, and Documentation on subjects related to Issue Based Development, Integrated Development and Natural Resources Management
- Survey, assessment, stakeholder analysis, PRA (Participatory Rural Appraisal) and micro-planning.
- Participatory micro and macro level planning.
- Training & Capacity building of NGO workers, PRI members & Local Government staff on PRA, NRM
- Implementation / monitoring of development projects on turn key basis.
- EDP (Entrepreneurship Development Program) & Micro-enterprise development, cooperatives and marketing.
- Appraisal, evaluation and impact assessment: social, financial and environmental.
- Socio-economic and ecological research related to identification of development needs, developing monitoring parameters and impact analysis.
- Consultancy on Technology Identification, Technology Development and Technology Demonstration

For all the communication related to this project, please get in touch with the undersigned

Atul Joshi
Director,
Indus Core Education Foundation,

Email : atul_joshi@icloud.com
Mumbai-Bangalore Highway, Warje Pune MH India 411052.
Mobile : [+91-772001 9481](tel:+91-7720019481) / [+91-9850836972](tel:+91-9850836972)
Linked In : www.linkedin.com/in/atulpj
Web: www.induseducationfoundation.org