

AFFORDABLE HEALTH TECHNOLOGY FOR PUBLIC GOOD

PUBLIC HEALTH TECHNOLOGIES TRUST



We are on a mission to Enable the Enablers of Public Health

We partner with the government and the public & private sectors to improve healthcare access by deploying technology

We act as a bridge between fundraisers and technology providers.

We are a not-for-profit organization





Introduction

Public Health Technologies Trust (PHTT), is a not-for-profit organization, dedicated to the deployment of affordable health technologies for the public good. PHTT acts as a bridge between fundraisers and technology providers. PHTT uses state-of-the-art diagnostic solutions & ecosystems, design tools, and cloud technology to empower the Indian population to obtain better health delivery.

PHTT can help organizations with complete outsourcing of their corporate social responsibility (CSR) from initiation, planning, execution, and performance monitoring to project closure. We enable a positive impact on the health-

- a. **WITH SMART TECHNOLOGY-**
Transforming healthcare delivery and making diagnosis simple and hassle-free.
- b. **WITH OPERATIONS NETWORK & OUTREACH-**
Partners & Personnel to activate community health programs across the length & breadth of the country.
- c. **WITH PUBLIC HEALTH EXPERTISE-**
Decades of collective experience of epidemiologists, health care professionals & social workers.

Services provided by PHTT



Improve Healthcare Services in Rural Areas- Affordable & Accessible

Deliver quality healthcare in remote villages or aspirational districts where there is a lack of diagnostic facilities.



Enable Social Health Entrepreneurs

Improve the financial wellbeing of people by providing access to technology, training, and business support services



Support Frontline Health Workers

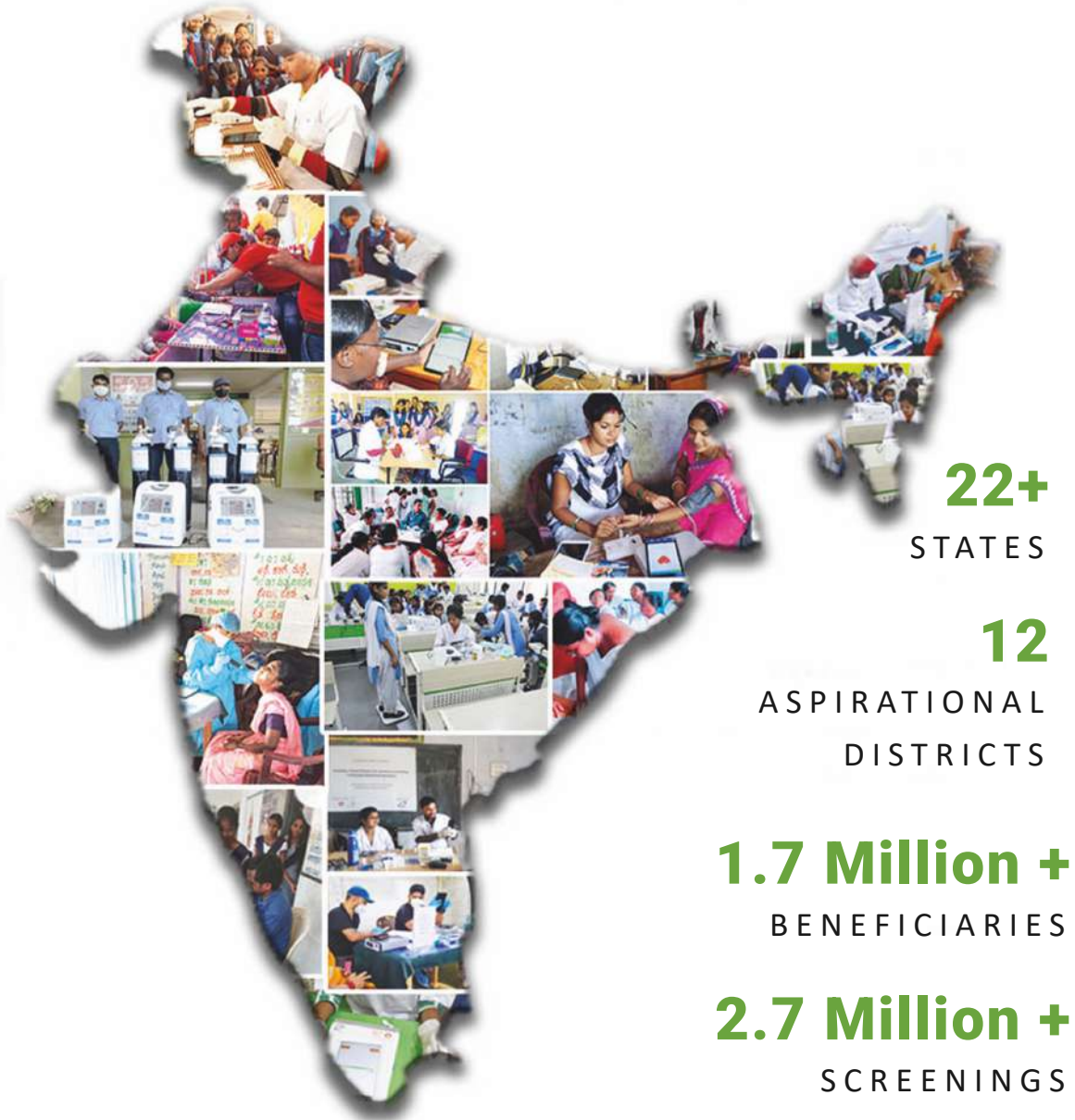
Empower auxiliary nurse midwives or technicians at health centers by providing them with the right tools.



Contribute Towards National Initiatives

Join hands to support various government-run initiatives under Poshan Abhiyaan or National Nutrition program.

Implementation in India



Social Entrepreneur

Creating skilled youth for sustainable living with rural focus



Government Health Centers

Implementation in government health centers (PHC, CHCs) supports faster diagnostics & macro level analytics



Telemedicine

Integrates with telemedicine solutions & helps in remote diagnosis



Corporate Events

Focused events like migrant labor screening, factory worker checkup & corporate wellness



Health Camps

Organizes and support health camps, Acts as camp diagnostics solutions partner



Electronic Health Register

Electronic Maternal Newborn and Child Health register for end-to-end communication making frontline health workers job effective and efficient



Trust Compliances

- Date of registration : 06th December 2013
- Registration : Under Indian Trusts Act
- Registered Office Address : C 28-29, Kissan Bhawan, Qutab Institutional Area, Delhi-110016
- Permanent Account Number (PAN) : AACTP4655L
- TAN Registration number : DELP20644B
- GST Registration numbers : 1. Delhi- 07AACTP4655L1Z4, 2. Karnataka- 29AACTP4655L1ZY
- Section 12A registration number : AACTP4655LE20210
- 80G registration number : AACTP4655LF20218
- MCA CSR registration number : CSR00016286
- Niti Aayog (NGO Darpan) : DL/2018/0182029

Our Leadership



Diwakar Pingle

Integrated Master's Degree in Engineering from BITS, Pilani and a PGDM in Finance from Symbiosis, Pune.

More than 27 years of professional experience across Corporate Finance, Investment Banking and Investor Relations having cutting his teeth at firms like ABB India, NM Rothschild, Tionale Enterprises and Satyam computers.

Before steering IR practice at EY, he headed Christensen India IR operations over the last 14 years and has successfully scaled the business to over 65+ clients.



V. P. Rajesh

V.P. Rajesh. has been in the capital markets since 1991, first as an IT consultant (at Citicorp Overseas Software) & then as an Investment Banker for over 10 years specializing in mergers and acquisitions. During his banking career with J.P. Morgan Chase, Deutsche Bank, Piper Jaffray & Thomas Weisel Partners in New York and San Francisco, he focused on technology, media, telecom and healthcare sectors & completed transactions worth over \$27 billion.

V.P. Rajesh relocated to India in July 2007 and started re-investing in the Indian stock market from March 2008 onward. He started Banyan Capital Advisors in New Delhi in November 2011 to manage outside capital using investment principles espoused by likes of Graham, Buffett, Munger, Klarman and Lynch. V.P. is an MBA from the University of Michigan's Ross Business School with a distinction and has a B.E. (Hons.) degree from BITS, Pilani, India. He is also a Chartered Financial Analyst(CFA) from The CFA Institute, US.



Dr. Ramanan Laxminarayan

Dr. Ramanan Laxminarayan is the founder of Public Health Technologies Trust a primary Health care company that works to improve access to healthcare through smart diagnostics he is also a senior research scholar and lecturer at Princeton Environmental Institute and Director of the Centre for Disease Dynamics, Economics and Policy in Washington DC.

Dr. Ramanan Laxminarayan has also served on President Obama's council of advisors on science and technology antimicrobial resistance working group and is a voting member of the US Presidential Advisory Council on Combating Antimicrobial Resistance.

He is series editor of the third edition of Disease Control Priorities for Developing Countries. In 2019 he received the Birla Institute of Technology and Sciences Distinguished Alumnus Award.



Prashant Arukia

Prashant Arukia is the co-founder and chief executive officer of Public Health Technologies Trust, a primary Health care company that works to improve access to healthcare through smart diagnostics and implementation expertise.

Prashant Arukia has been in the public health domain since 2008 and led the team who designed first "Integrated point of care solution" in this country and as an Implementation leader for over 15 years specializing in implementation large scale health projects. During his public health career, he was heading division of affordable healthcare at Public Health Foundation of India, operation excellence at GVK emergency management and research, and integral part of the founding team at HealthCube. He has successfully scaled the operations to 22 states, 7 countries, 3 continents to over + 1800 centres, 1.7+ millions beneficiaries, 3.2+ millions diagnostics.

Prashant Arukia is the Alumni of Indian School of Business (ISB), Sadhana Centre for Management and Leadership Development (SCMLD), American Heart Institute, Delhi University and Green Belt from Indian Statistical Institute (ISI) Delhi.

Our Public Health Initiatives in Action





Our Initiatives

- Reproductive maternal & child health in Bhagalpur, Bihar- Provide healthcare for pregnant females at their doorsteps.
- USAID AIDS prevention & tracking system [APATS] Thane, Maharashtra - Develop and roll out the program for real time tracking of HIV/AIDS service delivery.
- Adopt a village (HONDA) initiative to facilitate community screening- Rajasthan, Gujarat, Maharashtra.
- Village Health Entrepreneur (IDEA) CSR- project to create social entrepreneurs in villages-Seed, Incubate and Embed frontline health workers with digital diagnostic and providing economical diagnostic health tests quickly through POCs.
- Anemia Mukht Bharat school health program under Poshan Abhiyaan and National Nutrition Strategy set by Niti Aayog. This program was funded by State of Telangana & Vodafone foundation. This program was a great success and PHTT screened more than 5L adolescents boys & girls.
- Oxygen For India- helping India breathe enabling the last mile delivery of medical oxygen amidst COVID- 19.
- Early Cancer Detection (KARKINOS) a program to screening female group from age group (35 to 60) for oral, cervical, colorectal & breast cancer held in 2 blocks- Chikkaballapur (Karnataka)
- Vaccine Hesitancy (One health Trust) drivers of covid-19 vaccine hesitancy and ways to ensure maximum vaccination coverage to assess the challenges and efficacy of successful in reducing vaccine hesitancy for the covid-19 vaccine in Chikkaballapur (Karnataka).
- Social Health Entrepreneurship Program creation of entrepreneur to support primary health centers & transport union objective to build a force of Social Health Entrepreneur project to create a sustainable model of entrepreneurship.
- Upcoming program to screen sickle cell disease (Haemoglobinopathies) in multiple states under the national initiative by the Central Government. This program will emphasis be laid on prevention of birth defects of children through targeted carrier detection among both the school children as well as antenatal mothers.
- Upcoming program to support maternal health in Nagpur, Maharashtra. Funded by Haw Par India.
- Upcoming program to deploy National Oxygen Grid with Government of Uttar Pradesh and Govt of Karnataka supported by BMGF & One Health Trust. This system has been designed internally in collaboration with One Health Trust. Our target is to scale this program to all the states in next 2 years.
- Upcoming program on Hospital Acquired Infection (HAI): To estimate the burden of hospital-acquired infections & effectiveness of environmental disinfection in reducing these infections in public health facilities by using disinfectants. This program is being run in 93 public health hospitals at State of Tamil Nadu.
- Upcoming SLS screening program- Large scale screening program consisting of more than 50 test of population (5000) aged above 50 will be conducted in Chikkaballapur (Karnataka).



KEY PROJECTS



Adopt a Village

OBJECTIVE Honda Scooters and Motorcycles took this initiative and adopted villages to do a community wide health screening and provide proactive support to local health authorities

Timeframe 2016-2017

Location : Rajasthan, Gujarat, Maharashtra, Haryana



Program scope

The program was planned in a continuous succession at all the states for 3 months one after the other

Registrations **80000**

Total diagnostic count **6 lakh**

Village Health Entrepreneur

OBJECTIVE Seed, Incubate and Embed frontline health workers with digital diagnostic and providing Economical diagnostic health tests quickly through HealthCube Ecosystem

Timeframe 2016-2018

Location : 20 Districts across Haryana, Uttar Pradesh, Uttarakhand, Kerala, Andhra Pradesh, Telangana, Maharashtra, Chhattisgarh, and Rajasthan



Program scope

Entirely sustainable project identifying qualified, motivated people to conduct tests and successfully earn a livelihood for themselves. The project has brought great transformation in health sector. Helped in creating e-health profile of the people

Registrations **4.5 LAKH**

Total diagnostic count **8.6 LAKH**



KEY PROJECTS



Vodafone
India
Foundation

Anemia Mukta Bharat

OBJECTIVE Reduce prevalence of anemia by 3 percentage points per year among children, adolescents, and women

Timeframe 2018-2019

Location : Mahbubnagar, Telangana



Program scope

Transformed the current methodology to provide quicker and more reliable Anemia detection 12 entrepreneurs work with RBSK team under this scheme. Proposal to scan 83,000 children from 250+ schools in Mahbubnagar

Students enrolled **65,000**

Total diagnostic count **100,000+**

Anemia Mukta Bharat

OBJECTIVE Create Social Health entrepreneurs, generate employment by enabling the entrepreneurs with adequate technology and support anemia screening

Timeframe 2019-PRESENT

Location : 5 states UK, BR, TG, CG, & MH and 8 districts Pauri, Haridwar, Uttarkashi, Sitamarhi, Siddipet, Medak, Rajnandgaon and Gadchiroli



Program scope

Inspired by the initiative of Mahbubnagar District Authorities, Vodafone Idea Limited has taken up this initiative to support Govt. Of India's, Poshan Abhiyaan Anemia Mukta Bharat Program with PHTT & designed a CSR Program to Screening School Children for Anemia and building Community Health Entrepreneur.

Students enrolled **3.5 LAKH**

Diagnostics performed **8.5 LAKH**



KEY PROJECTS

Helping India Breathe

OBJECTIVE Founded with the goal to avert deaths from the lack of oxygen in the country by deploying reusable oxygen cylinders and concentrators across the country

Timeframe 2021-PRESENT

Location : 20 Towns & Cities across India



Program scope

Oxygen for India has successfully provided medical oxygen to the major cities and several rural districts, saving innumerable lives. Currently working toward establishing a national oxygen grid in the country, in order to be prepared for future crisis

Reusable oxygen cylinders **40,000**

Oxygen concentrators **20,000**

Early Cancer Detection

OBJECTIVE Screening 20,000 females for early detection & prevalence of cancer and enrolling the suspected cases under ABAK scheme.

Timeframe Oct 2021- Dec 2021

Location : 2 blocks- Chikballapur & Bagepally from Chikballapur district in state of Karnataka



Program scope

Target population of 20K was outlined to be screened for 4 cancer markers (oral, breast, cervical & colorectal). Upon successful screening conclusion, suspected cases were enrolled into the govt system via help of district hospital.

Beneficiary enrolled **16,000**

Diagnostics performed **50,000**



KEY PROJECTS

Vaccine Hesitancy

OBJECTIVE To assess the challenges and Efficacy of successful in reducing vaccine hesitancy for the COVID-19 vaccine in Chikballapur

Timeframe 2022



Location : Chikballapur (Karnataka)

Program scope

To estimate the drivers of vaccine hesitancy for COVID-19 vaccine at the community level. To explore whether all the factors driving vaccine hesitancy are addressed while planning at the district level. The data collected will be analysed and studied for the reasons of vaccination hesitancy, so that a better approach can be considered.

Beneficiaries Enrolled **1403**

Hospital Acquired Infections (HAI)

OBJECTIVE To estimate the burden of hospital-acquired infections and effectiveness of environmental disinfection in reducing these infections in public health facilities of Tamil India, India.

Timeframe 2022-Present

Location : Tamil Nadu (All Districts)

Program scope

To understand prevailing rate of infection in the hospital wards of government CEmONC (Comprehensive Emergency Obstetric & Neonatal care) hospitals, in Tamil Nadu. To understand the effectiveness of environmental disinfection on the infection rates through the cluster randomized trial. To understand the colonization of pathogens in these hospitals through environmental swabbing.

Hospitals across the state **93**





KEY PROJECTS



National Medical Oxygen

OBJECTIVE To Enable adequate and easy availability of Oxygen across the country and to solve the problem of oxygen shortages across India

Timeframe 2022 - Present

Location : Karnataka and Uttar Pradesh

Program scope

- To ensure a regular and timely supply of Oxygen.
- Ensure principles of Reliability, Purity, and Economy are matched with the rising expectation of a cleaner, safer, healthier environment.
- Ensuring optimal turnaround time for meeting any demand for Oxygen.
- Creating a robust and extensive system for ensuring efficient Oxygen supply to the remotest parts of the country.





KEY PROJECTS

Helping Old Age Homes by Providing Oxygen Concentrators

OBJECTIVE Objective: The main objective of this program is to provide a reliable source of oxygen to the elderly residents of the old age homes in case of emergencies and in situations like COVID-19 pandemic. Also, to train the staff at old age homes on the proper use and maintenance of the oxygen concentrators.

Timeframe 2023-2024

Location : Bangalore, Karnataka

Program scope

To ensure the safe and timely delivery of oxygen concentrators to the elderly residents of the old age homes by providing training to the staff at old age homes on the proper use of the oxygen concentrators.

Key Deliverables: 20 oxygen concentrators distributed to the 5 old age homes in Karnataka.





KEY PROJECTS

Social Health Entrepreneurship Program

OBJECTIVE To build a force of Social Health Entrepreneur project to create a sustainable model of entrepreneurship

Timeframe 2022 - Present

Location : Kalamboli (Maharashtra),
Namakkal (Tamil Nadu)



Program scope

Castrol India private limited under the CSR initiative, the model was created in two locations with the purpose of creating the entrepreneur to support the primary health center and create a sustainable model of entrepreneurs.

Truck Drivers & their Colleagues **20,000**

Mobile Medical Unit

OBJECTIVE To integrates patients into existing social services and health care systems through referrals. To leverage technology and provide inclusive, accessible, affordable, and acceptable delivery of health care service to our targeted beneficiaries including PWDs. To educate and build health awareness: To raise awareness about preventive healthcare issues including family planning, communicable and other diseases, in the villages.

Timeframe 2022-Present



Location : Angul, Singrauli, Hyderabad, Chennai, Bangalore, Osmanabad

Program scope

- To provide the health facilities at their doorstep with the doctor consultation.
- To cover more villages where there is no health facility available.
- Facility of consultation and treatment from doctors in their village itself.
- Beneficiaries can get their check-ups done more promptly.

Truck Drivers & their Colleagues **5000+**

Total diagnostic count **20,000+**



KEY PROJECTS



Reproductive Maternal Health

OBJECTIVE Under this project, the primary task was to spread awareness regarding Reproductive Maternal Health by providing on-time-at-the-doorstep diagnostic support to expectant (pregnant) females & targeting to reduce the high-risk pregnancy.



Timeframe 2022-2024

Location : Nagpur, Maharashtra

Program scope

The program scope is to encourage the frontline health worker (Asha's) to screen pregnant females in the selected blocks of the district, provide reports and advice on healthy lifestyles & in the interim support the local health department.

Total registrations **2200**

Total diagnostics **16846**

Community Screening Program (Sickle Cell Anemia Detection Program)

OBJECTIVE The main objective of this programs to identify the prevalence of sickle cell anemia among theadolescents and their family memberswith sickle cell anemia and to help theadolescents to plan their next phase of life based on their health condition.



Timeframe 2023- till date

Location : Dhadgaon, Nandurbar Distirct Maharashtra

Program scope

To screen 10,000 sickle cell anemia test for adolescents and their parents and counselling of these cases in Nandurbar district of Maharashtra.

Total registration **13th feb to process**

Total diagnostics **13th feb to process**

Government Partners



Government of
Maharashtra



उत्तराखण्ड राज्य



राष्ट्रीय स्वास्थ्य मिशन



सत्यमेव जयते
GOVT OF RAJASTHAN



सत्यमेव जयते
GOVERNMENT OF ASSAM



सत्यमेव जयते
GOVERNMENT OF GUJARAT



बिहार सरकार



सत्यमेव जयते
Government of Rajasthan



Government Of Jammu & Kashmir

PHTT Funders & Collaborators



Technology & Telemedicine Partners





कार्यक्रम के तहत पौड़ी के 300 से अधिक स्कूलों को किया शामिल

पौड़ी के स्कूलों में एनीमिया मुक्त भारत कार्यक्रम शुरू

जागरूकता

पौड़ी | हमारे हाववत्ता

एनीमिया मुक्त भारत कार्यक्रम के तहत पौड़ी के 300 से अधिक स्कूलों को शामिल किया जा रहा है। कार्यक्रम का उद्देश्य एनीमिया से निपटारे में मदद करना है।



पौड़ी के स्कूलों में एनीमिया मुक्त भारत कार्यक्रम के तहत छात्रों को जांच करवाया जा रहा है।

एनीमिया मुक्त भारत को लेकर प्रधानाचार्यों को भेजे पत्र

लोक संहिता प्रतिनिधि थलीसैण। मुख्य शिक्षा अधिकारी ने एनीमिया मुक्त भारत कार्यक्रम के संचालन में सहयोग प्रदान करने को लेकर जनपद के समस्त प्रधानाचार्य व प्रधानाध्यापक को पत्र प्रेषित किया। प्रेषित पत्र में उन्होंने कहा कि महानिदेशक विद्यालय शिक्षा उत्तराखंड देहरादून के पत्र संख्या 2613-19 में 5 दिसंबर 2019 के पत्रानुसार पब्लिक हेल्थ टेक्नोलॉजी ट्रस्ट के एनीमिया मुक्त भारत कार्यक्रम के अंतर्गत वीडियो, आईडिया लिमिटेड एवं पीएचपीटी के संयुक्त समन्वय से इस जनपद के कक्षा 9 से 12 तक अध्ययनरत छात्रों के हीमोग्लोबिन की जांच निशुल्क की जानी है। इस हेतु संस्था को कार्यालय मिशन निदेशक राष्ट्रीय स्वास्थ्य मिशन उत्तराखंड द्वारा प्राप्त अनुमति के अनुसार



अनुगृहीत किया है। उन्होंने मुख्य शिक्षा अधिकारी से एनीमिया मुक्त भारत कार्यक्रम के अंतर्गत अपने-



इंटर कालेज बगवाड़ी में छात्रों की गयी हीमोग्लोबिन की निःशुल्क जांच

लोक संहिता प्रतिनिधि थलीसैण। जिला मुख्यालय शिक्षा अधिकारी के तहत राजकीय इंटर कालेज बगवाड़ी में एनीमिया मुक्त भारत कार्यक्रम के तहत छात्र-छात्राओं की हीमोग्लोबिन की निःशुल्क जांच की गयी।

SMART नंदुरबार | नंदुरबार रोमवार, 4 फेब्रुवारी २०२४

ग्रामीण सिकलसेल स्क्रीनिंग कार्यक्रममाचा शुभारंभ

नंदुरबार। एकलव्य रिसर्चसोशल मॉडल स्कूल येथे डा.डी.हिना गावित यांच्याहस्ते आणि नि.प.अवधानी डा.मुनिषा गावित यांच्या प्रमुख उपस्थितीत सिकलसेल अनीमिया या गंभीर अंत्यबाह्य विकारासाठी लक्षा देण्याच्या दिशेने एक महत्त्वपूर्ण पाऊल म्हणून सिकलसेल स्क्रीनिंग कार्यक्रमाचा शुभारंभ करण्यात आला.

सदर प्रकल्प हा 'द सिंगिंग कॉर्पोरेशन ऑफ इंडियाने' यांच्या अर्थसहाय्याने तर जिल्हा प्रशासनाच्या पाठिंब्याने आणि पब्लिक हेल्थ टेक्नोलॉजी ट्रस्ट (पीएचपीटी) द्वारे सहाय्यता देत आहे. नंदुरबार जिल्हातील



पडगाव तालुक्यात एक पध्दती सिकलसेल तपासणी कार्यक्रम सुरू करण्यात आला आहे. या प्रकल्पाचा मुख्य उद्देश १४ ते १९ वर्षांवारी लोकांना जाणवत्या मुलांशी यापणी आणि समुपदेशनासाठी ओळखणे आणि त्यांना मदत करणे हा आहे. या कार्यक्रमास आदिवासी विकास प्रकल्प कार्यालयाचे प्रकल्प अधिकारी चंद्रकांत पवार, आरिफा जिल्हा आरोग्य अधिकारी डॉ.अमिता पाटील, डॉ.संदेश पुंड, जिल्हा रुग्णालयाचे वैद्यकीय अधिकारी डॉ.अमिता गावित उपस्थित होते.

जिल्हाधिकारी मनीषा खत्री, जिल्हा परिषदेचे मुख्य कार्यकारी अधिकारी सावनकुमार, जिल्हा आरोग्य अधिकारी डॉ.रवींद्र सोनवणे, जिल्हा शल्य चिकीत्सक डॉ.नरेश पांडे यांच्या सहकार्याने एकलव्य शाळेचे मुख्याध्यापक

एनीमिया मुक्त भारत को लेकर प्रधानाचार्यों को भेजे पत्र

लोक संहिता प्रतिनिधि थलीसैण। मुख्य शिक्षा अधिकारी ने एनीमिया मुक्त भारत कार्यक्रम के संचालन में सहयोग प्रदान करने को लेकर जनपद के समस्त प्रधानाचार्य व प्रधानाध्यापक को पत्र प्रेषित किया। प्रेषित पत्र में उन्होंने कहा कि महानिदेशक विद्यालय शिक्षा उत्तराखंड देहरादून के पत्र संख्या 2613-19 में 5 दिसंबर 2019 के पत्रानुसार पब्लिक हेल्थ टेक्नोलॉजी ट्रस्ट के एनीमिया मुक्त भारत कार्यक्रम के अंतर्गत वीडियो, आईडिया लिमिटेड एवं पीएचपीटी के संयुक्त समन्वय से जनपद के कक्षा 9 से 12 तक अध्ययनरत छात्रों के हीमोग्लोबिन की निःशुल्क जांच की जा रही है। विद्यालय में कक्षा 9 से 12 तक अध्ययनरत छात्रों के हीमोग्लोबिन की निःशुल्क जांच की गयी।



Sakal

TODAY

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सिकलसेल स्क्रीनिंग कार्यक्रममास नंदुरबारात प्रारंभ

एकलव्य रिसेडन्सी स्कूलमध्ये खासदार डॉ. हीना गावित यांची उपस्थिती



नंदुरबार, ४ : सिकलसेल अनीमिया या गंभीर अंत्यबाह्य विकारासाठी लक्षा देण्याच्या दिशेने एक महत्त्वपूर्ण पाऊल म्हणून नंदुरबार जिल्हातील ग्रामीण तालुक्यात एक पध्दती सिकलसेल तपासणी कार्यक्रम सुरू करण्यात आला आहे. हा प्रकल्प 'द सिंगिंग कॉर्पोरेशन ऑफ इंडिया' यांच्या अर्थसहाय्याने तर जिल्हा प्रशासनाच्या पाठिंब्याने आणि पब्लिक हेल्थ टेक्नोलॉजी ट्रस्ट (पीएचपीटी) द्वारे सहाय्यता देत आहे. नंदुरबार जिल्हातील

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