NOKIA

Nokia Corporate Social Responsibility (CSR) report

2021 - 2022

Contents

Message from the Chairman

At the start of 2021, when the world was recovering from the impact of the first wave of COVID-19, the second wave brought about a set of new challenges that called for us to be connected together, more than ever before.

In addition to using our core expertise in telecom technology to help the world act together, we also recognize our larger commitment to local communities. We are facilitating connectivity and digitization to further positive socio-economic, educational and health impacts in India by leveraging core strengths to address the urgent needs of the underprivileged populations.

As a responsible corporate, we aim to address immediate requirements of the community, address urgent challenges, and help the underprivileged in India through programs that are long-term and sustainable in nature. We have endeavored to reach and support those sections of society that do not have access to even basic necessities.

We leverage our core competencies and address urgent challenges while helping the underprivileged through our flagship program – Smartpur which is all about creating a digital village ecosystem. To create a widespread impact, we have aligned ourselves and our social initiatives with the Digital India Mission of the Government of India which aims at connecting remote communities into the emerging digital economy. The Smartpur programme is an exemplary example of this goal. In the past fiscal year, we used our existing network of 260 Smartpur centers to create awareness, provide aid to returning migrants in rural locations, sustain education for children, and facilitate access to banking services and government schemes. Our Smartpur program has been working extensively in 9 states across India and has provided services to approximately 3 Lakh beneficiaries across various pillars of livelihood, financial inclusion, education, governance and healthcare.

We also collaborated with the Wadhwani Institute of Sustainable Health (WISH) in our fight against COVID-19. The second surge of COVID-19 led to an increased pressure on the healthcare system and a high demand for oxygen plants, ICU monitors and ventilators - we provided these facilities at minimal costs, enabling COVID-19 patients to find ICU beds in our partnered hospitals. We also served marginalized sections of society under this scheme by providing free dialysis and ventilation for patients of COVID-19.

We look forward to a deeper engagement with all our partners, beneficiaries, local administrations and employees to accelerate the impact of our work in the field. As we recover from the pandemic, our efforts will be focused on bringing about sustainable change in the communities we serve.

With Warm Regards,

Sanjay Malik

Senior Vice President and Head of India Market, Nokia

Chairman, CSR Committee

Sanjay Malik
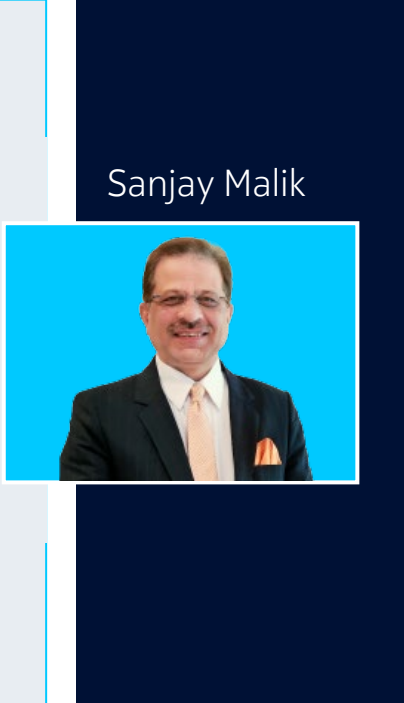
About Nokia

Nokia brings together the world's intelligence, across businesses, cities, supply chains and societies by creating critical networks and technologies and delivers networks for mobile, infrastructure, cloud and enabling technologies.

As a trusted partner for critical networks, Nokia is committed to innovation and technology leadership across mobile, fixed and cloud networks. We create value with intellectual property and long-term research, led by the award-winning Nokia Bell Labs.

At Nokia, we create technology that helps bring the world act together. Along with customers, we create the critical networks that bring together the world's people, machine and devices, sensing and acting in real time.*

We have customers in nearly 200 countries. Our technologies transform the way people communicate and connect with each other and things. At the end of 2021, we employed an average of 87,900 people in 116 countries.*

Impact on 1/3rd
of India's mobile subscribers

87,900
employees across the globe

Service provider
to leading organizations

For our latest updates, please visit us online www.nokia.com and follow us on Twitter @Nokia

Nokia in India

In India, Nokia has been connecting people since 1995, the first GSM call was made on a Nokia handset over the Nokia network.

Every single call in India, touches a Nokia network element in the complete call flow and 1/3rd of overall mobile subscribers in India are served by Nokia Radio.

From enabling growth of the 2G technology, bringing high quality 3G services in 2011, pioneering 4G in 2012 to now steering India towards the 5G revolution, we have been an integral part of India's progress in technology and connectivity over the last 22 years. We provide strong services to the leading public and private operators, large scale enterprises and utilities companies.*
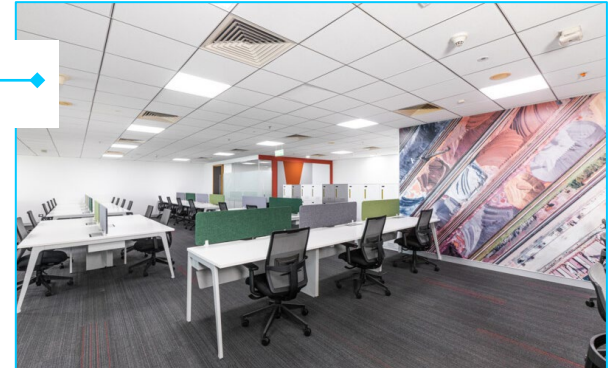
https://www.nokia.com/about-us/company/worldwide-presence/india/**

NOKIA

Sustainability in Business

Global Initiatives »

Climate action

Nokia is among the first 87 companies to stabilize its commitments and reset its emissions targets to contribute to restrict global warming to maximum 1.5°C. As a 'natively green' next-generation mobile connectivity solution, 5G is more energy efficient than 4G, yielding lower energy usage per bit.

In 2021, we announced a new target to purchase 100% of our electricity from renewable sources by 2025 to power our offices, R&D labs and factories. We became a founding member of the World Economic Forum's First Movers Coalition which aims for greater appreciation of zero-emissions products and services by 2030.

Our latest AirScale and FP5 products can improve energy efficiency by 50-75% in comparison to the previous generations. Improving performance and energy efficiency is both a financial and environmental win along with being a major motivator for our business, especially when customers are progressively prioritizing sustainability when deciding on their partners.
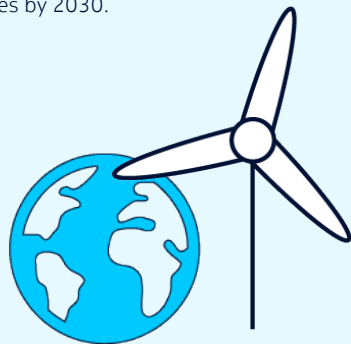
Addressing human rights

From enhancing accountability to advocating for laws and policies that protect freedom of expression and privacy rights worldwide, our members collaborate towards a result-oriented goal. Our human rights processes cover the whole value chain, from supplier management to product end use and we have set clear requirements for all areas separately.

In 2021, in collaboration with Global Network Initiative, we continued to provide real case examples from our Human Rights Due Diligence work; a growing alliance of Internet and telecommunications companies, human rights and press freedom groups, investors, and academic institutions from around the globe.
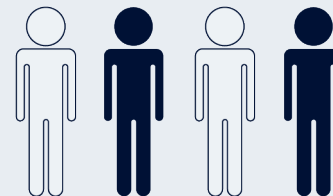
NOKIA

Sustainability in Business

Global Initiatives » (2/2)

Improving lives

Nokia builds crucial networks and technologies that connect people across industries, cities, supply chains, and communities. Our technology helps people get easy access to connectivity with the people they love most, as well as have access to income and academic opportunities. It gives people improved access to healthcare, information, community services and market opportunities by overcoming geographical barriers.

Since 2016 over 3.8 million people have benefitted from our community investment programs globally. This helped us reach our 2025 target of improving lives of 2 million people ahead of schedule.

### Critical connectivity during the pandemic

Connectivity and technology proved its mettle as it brought together people isolated from each other as a result of the pandemic. We adapted our ways of working to ensure that our people remain safe while our operations continued. We also worked towards building safe environments for our employees and customers during such uncertain times.

Supply chain transparency

Our supply chain is a consequential and complex part of both our business and reputation. Despite its complexity and depth, we work hard to ensure it's transparent and work towards making ethically, socially and environmentally well-managed systems.

We identify and recognize the risks associated with our supply chain and build and implement programs and actions that can mitigate such risks such as employing a variety of audits and assessments to verify the integrity of our supply chain, engaging and increasing supplier capabilities through learning and instigating remediation activities as per requirement.

While COVID-19 and related precautions have limited the possibility of conducting onsite audits, we continue to assess and monitor our suppliers with more focus on remote activities. In 2021, we implemented 439 supply chain audits, including 64 onsite in-depth audits on corporate responsibility topics, 36 onsite audits against our supplier requirements and 339 supplier assessments conducted using the Eco Vadis scorecards.
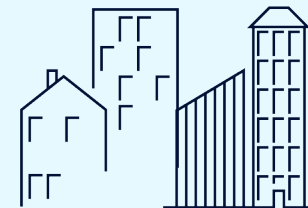
Nokia's CSR Policy

CSR Vision and Mission »

Vision

In line with our company's vision of 'Connecting People', we strive to bridge the digital gap by connecting remote villages in India through technology and making numerous pillars such as financial inclusivity, academics, healthcare and several other possibilities available at their doorstep.
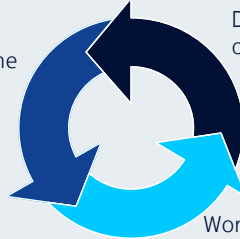
Mission

Our Corporate Responsibility mission is to promote technology that strives to solve society's challenges and enables new opportunities and digitally connecting communities to have the capacity to use technology to improve their quality of life. We also proactively undertake initiatives to meet the emerging needs of the country.

Nokia's Corporate social responsibility (CSR) Policy believes in ethical and responsible systems of business with proper consideration to legal obligations and is in accordance with relevant directives and regulations. We commit to contributing to economic and social development while behaving both sensibly and responsibly.

Thematic focus »

All our projects are aligned to the global CSR priority areas which focus on 3 thematic areas

Connecting the Unconnected

Defending our Climate

Women Empowerment

NOKIA

Our approach to CSR

The core of our CSR approach is the belief that technology has the potential to improve people's lives.

Connectivity and associated activities are at the heart of what we do. By linking people through technology, we enable access to education, knowledge, better healthcare, and more opportunities. Connectivity promotes a more equitable society, as well as a cleaner and healthier climate. Our programs actively seek to improve the overall quality of life and to have a positive impact on the local communities where the company operates as well as the society at large.

Our CSR strategy has been developed in alignment with the United Nations Sustainable Development Goals and is motivated by our commitment to bridging the digital gap and harnessing the benefits of technological advancements for the greater good. We implement projects in partnership with Non-Profit organizations and promote and invest time in design thinking to enable our partners visualize and implement path-breaking ideas.*
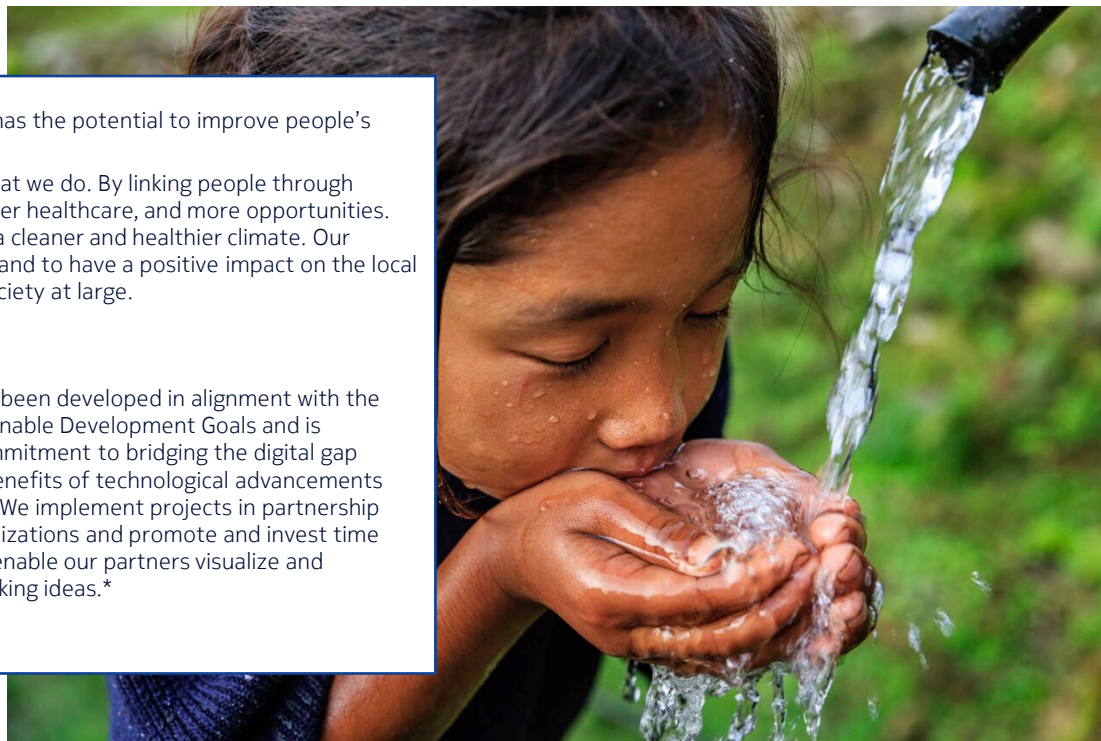
*Nokia Annual Report 2021
- https://www.nokia.com/system/files/2022-03/nokia-ar21-en.pdf

Our approach to CSR

Alignment with sustainable development goals »

The United Nations Sustainable Development Goals (UN SDGs) and their targets remain a key framework for our CSR activities. Our priorities are mapped against our most material UN SDGs - where we can have the greatest impact. We believe that through our programs, we positively contribute towards the following SDGs:

Decent work and economic growth

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.

Good Health and Wellbeing

Ensuring healthy lives and promoting wellbeing at all ages is essential to sustainable development. Especially, preparing for health emergencies, such as COVID-19 which destabilized the global economy and put several communities in economic and health dangers.

Partnerships for the goals

A successful development agenda requires inclusive partnerships — at the global, regional, national and local levels — built upon principles and values, and upon a shared vision and shared goals placing people and the planet at the center.

Quality Education

Ensuring primary and secondary education for all boys and girls. As it ensures self reliance, boosts the economic growth by ensuring skills, improving the lives of people by opening them up to better opportunities for improved livelihoods, as well as ensuring the empowerment of women.

Industry, Innovation and infrastructure

Inclusive and sustainable industrialization, together with innovation and infrastructure, can unleash dynamic and competitive economic forces that generate employment and income.

Monitoring
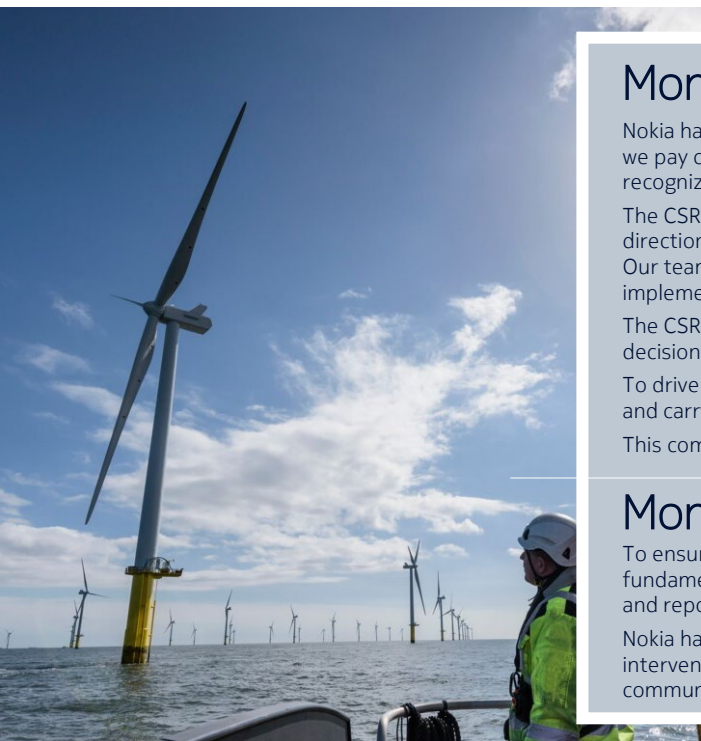
Monitoring and evaluation »

Nokia has always prioritized the monitoring and evaluation of its initiatives. While taking up new CSR initiatives and programs, we pay close attention to ensuring accurate and effective utilization of the funds with the objective to access the impact and recognize needs of the action to make our initiatives effective and efficient.

The CSR working group of Nokia comprising of multi-skill professionals, review project progress on a monthly basis and provide direction towards project strengthening and ensure that projects are being executed as per agreed framework and timelines. Our team of professionals and experts are highly dedicated and motivated to work towards the projects to ensure proper implementation and execution.

The CSR Committee of the board reviews the progress of the projects regularly and provides strategic inputs and takes decisions on project strategy and course correction.

To drive greater rigor in project execution, a third-party organization has been onboarded to carryout third party monitoring and carry out capacity development trainings for the implementation partners.

This comprehensive approach leads to tangible results that can be witnessed at a ground level.

Monitoring tool »

To ensure the long-term social intervention progress of the companies, effective monitoring and transparent processes are fundamental. A strong, integrated and effective system can evolve the ways in which the projects are managed, monitored and reported. It also assists in streamlining the key processes that drives innovation and growth.

Nokia has set up an online MIS system to monitor and manage its interventions. This ensures aware and informed interventions for the stakeholders, the performance of projects, and the purposeful impact the projects are creating in the communities.

NOKIA

Highlights of 2021-22

Projects and Partnerships »

01 Digital Empowerment Foundation

02 Samridhdhi Education

03 LEHS WISH Foundation

04 IISc Bangalore

05

Bal Raksha Bharat – Save the Children India

Providing a boost to the healthcare infrastructure during the time of Covid

The impact of the pandemic has left a large population of our country to face unfortunate circumstances. Nokia has continued to extend extensive support to the community through the distribution of medical equipment and resources to frontline workers.

Nokia collaborated with Lords Education and Health Society (LEHS WISH Foundation) to provide healthcare services and medical equipment to 4 hospitals located in Delhi, Mumbai and Chennai.

Smartpur – Developing Digitally enabled village ecosystems

Nokia's Flagship CSR initiative called Smartpur creates digitally-integrated ecosystems where beneficiaries leverage digital tools to bring productivity in daily lives, get access to government and other services resulting in economic prosperity for households.

This project is executed in partnership with Digital Empowerment Foundation and Save the Children (Bal Raksha Bharat).

Research on network robotics and its application towards enhancement of SDGs – IISC Bangalore

Established a network robotics laboratory that will be available to the academic and innovation ecosystem to carryout research on using 5G and AI technologies for socially relevant problems.

Remedial education for out of school migrant population

Nokia in collaboration with Samridhdhi Trust has been working towards supporting out-of-school children of the migrant labour community to integrate and continue in mainstream schooling system.

Our Projects- Smartpur

Smartpur- Developing digitally enabled ecosystems in India

Smartpur is a rural entrepreneurship-based model designed to create a "Sampoorna Gaon" (holistic village) or a digitally-integrated ecosystem where people leverage digital tools to bring productivity in daily lives resulting in economic prosperity for households and ease of access to various kinds of services and information.

It is a model that has been conceptualized in a manner that challenges and redefines the existing idea of smart villages, which is based more on the availability of digital infrastructure but not as much on the integration of the infrastructure into the daily lives of communities. We believe that the mere availability of digital tools and Internet connectivity alone does not make a village smart;

instead, it is the integration and optimum utilization of these resources for social, ecological and economic impact that truly makes a smart village and digitally strengthens five pillars of development. The five pillars being education, health, livelihoods, governance and financial inclusion.

The concept of Smartpur is based on the idea of integrating technology into current practices and procedures, allowing community members to improve their lives and contribute to the village's general well-being. Smartpur digital village ecosystem has been designed keeping in mind its sustainability, scalability, replicability and large-scale impact in a hub-and-spoke model.

Over the past 4 years, the project has expanded to 260 villages across 9 states through 2 implementing partners- Digital Empowerment Foundation and Save the Children India.

Through Smartpur, the capacities of entrepreneurial local youth are developed, and they are supported to help deliver services to the community through a sustainable business model.

Smartpur

- Education
- Healthcare
- Financial Inclusion
- Governance
- Livelihood

NOKIA

Our Projects- Smartpur

Digital literacy classes

After school support

STEM learning workshops

Education

Livelihood skill enhancement and training workshops

Career counselling workshops

Livelihood

Services provided at a Smartpur center

Telemedicine services

Health camps

Health

Micro ATM services

Facilitating digital banking services

Financial awareness workshops

Financial inclusion

Connecting people with government schemes

Governance awareness camps

Governance

Smartpur Highlights 21-22
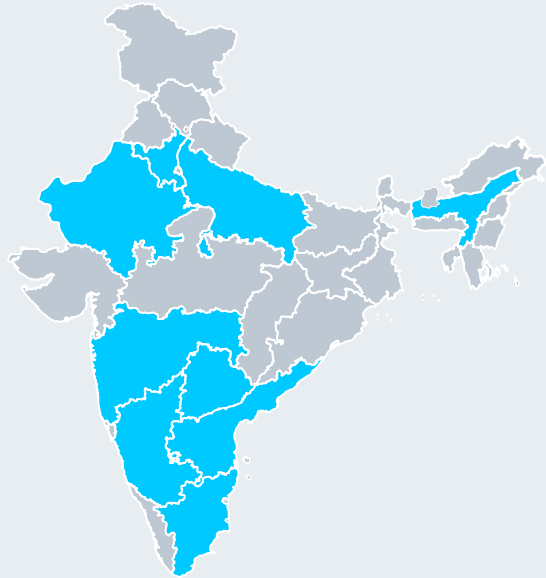
More than
18000
People sought digital literacy services at the centers

260
Smartpur Centers Across
9 States

Transactions worth approximately
67 Cr
were undertaken across the centers

Healthcare and telemedicine services provided across
7 states

Approximately
1.4 Lakh
People supported with governance services

1 lakh rupees
was the highest revenue generated by an entrepreneur

95 New entrepreneurs associated with Smartpur in 2021-22

*Data captured from April 2021- March 2022

NOKIA

Our Projects – Smartpur

Success story »

Cowdalli is a village located in the Hanur taluk of Chamarajanagar district, in the southern state of Karnataka, India. Digital services are one of the services that are the most painful to access due to lack of penetration of requisite technology. Kavitha is a college-going student from the Cowdalli village and is highly passionate about her education. She is very intelligent and frequently appears for competitive examinations and applies for various scholarship schemes she is eligible for. A major portion of her education is taken care of by these scholarships and hence is detrimental for her further studies.

As the deadline for one of the scholarships neared, Kavitha found herself in a mess; Her Aadhar card had a spelling error which had to be immediately rectified before applying for the scholarship. Amidst the question of "what" and "how", she finally decides to travel to the town of Hanur, which is 16 kms away from her village. This travel will cost her 350-400 rupees and still would not provide any guarantee that she would get the paperwork done within the stipulated time.

She then comes to know about an initiative of NOKIA and Digital Empowerment Foundation known by the name 'Smartpur' which aims at providing governance services to the community. She contacted the spoke coordinator and got her papers cleared in her village itself.

Kavitha is all praises when she speaks about Smartpur. The burden that was lifted from her shoulders was immense as she was able to avail the services easily, without having to spend a lot of time and money in commuting to Hanur. She was able to receive efficient, hassle-free support in her own hometown, rather than having to always rely on the services provided in far-away Hanur. In the words of Kavitha, this kind of inclusion is extremely important for nurturing dreams and protecting aspirations, even if those belong to children from the remotest parts of our country.

NOKIA

Our Projects – Smartpur

Success story »

Chintakayala Ammoru, one of the spoke coordinators at Smartpur Vizag, has an interesting take on how the Nokia partnered Smartpur digital services have transformed the digital services space in the village. He says that he has an educational qualification of an 'Intermediate' and if at all he wished to work by his qualification, he would only be given labour work in his nearby villages. Chintakayala Ammoru comes from Muthyalammapalem village, dominated by the fisher community, who were plagued by the scarcity of technological advancements in the village. He says that if anyone from his village was in need of depositing or withdrawing money, they had to travel 12 kms to Chivurupalli, as their village didn't have the required infrastructure.

Taking into account the mountains that had to be moved to avail the most basic services, Chintakayala joined the Smartpur team in 2018 with the objective to connect his people with the Internet and it's services. He learnt in detail about the digital services which were required by the community and started to interact more with the people so that they were aware about his work. With the help of Smartpur, Chintakayala also approached SBI for a Business Correspondent point, which was later sanctioned after the officials visited and inspected the infrastructure.

Chintakayala now earns about Rs. 15,000 - Rs.18,000 every month as a spoke coordinator at Smartpur and is able to serve more than 30 deserving beneficiaries each day. Apart from this digital service centre, Chintakayala has now also begun another business from the profits he received from his small venture. He is ever grateful to Smartpur for not just providing him with financial stability and a steady source of income, but also for lending him an opportunity to work for his people and impact them in ways that are invaluable.

NOKIA

Our Projects – Smartpur

Success story »

65-year-old Rama Baranda from Dungarpur is a beneficiary of Smartpur since March 2022. Abandoned by his wife and children a long time ago, Rama lives alone in his house at Kakradara and engages in agricultural activities for a living. Rama had little to no means in conducting his financial transactions, as the nearest center is at Dungarpur. Making things even worse, Rama fractured his leg a year ago which made it even more difficult to travel.

Rama was informed about the services provided under the "Wagadeur Sewa Kendra" when the Smartpur center was formed. He was content to learn about the facilities provided at the center including the services under financial inclusion like account opening, cash transfer, cash withdrawal etc. which would be soon available in his own village. Rama was relieved to know that he would finally be eased of the burden of travelling long distances for basic services.

In the words of Rama Baranda, "I am overwhelmed by the support and services provided to help me survive during the worst moments of my life. Performing small life tasks were daunting and difficult. I could not even walk. This is incredible and unimaginable." Rama is now able to avail all the financial inclusion services at the Smartpur center, saving him a lot of time and effort. He has also been able to receive the services directly at his residence, as the coordinator often visits him when he is unable to commute to the center. The introduction of Smartpur has thus been a major advantage and ease for him in being a part of the digitalization in India.

> "I am overwhelmed by the support and services provided to help me survive during the worst moments of my life. Performing small life tasks were daunting and difficult. I could not even walk. This is incredible and unimaginable."

Nokia Annual CSR Report

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Our Projects – Smartpur

Success story »

Dungarpur district is known for its scattered geographical spread and low socio-economic status. 70% of the population belongs to the scheduled tribal category. COVID-19 affected this district in a severe manner; people with limited resources, and opportunities suffered the most. Bhanu Prakash was one of those whom it hit the hardest as he lives in one of far-flung terrains in Jhothari village. When government announced online registration for COVID vaccine, people with limited access to internet and digital device especially those who live in villages felt a bit helpless. Bhanu Prakash Raot's family was among the 693 families reached out through individualized support for COVID vaccine registration. There are four members in his family that includes his wife, a son and a daughter. He is a marginal farmer, and his family income depends on small agricultural produce. Despite marginal income, his children are continuing their education.

Smartpur centre has been providing digital services in the village. As the need for online registration for COVID vaccine emerged, Jhothari HUB centre had started online registration and start building linkages with local health centers to facilitate people for COVID vaccination.

It started out with huge demand but soon realized that people living in far-flung areas were either not aware about online vaccine registration, unable to come or hesitating to come. Facilitator of HUB Jhothari Hari Lal Raot belonged to the same village and understanding the situation discussed it with the panchayat members. This led to a door-to-door registration campaign which benefitted 693 families from 31 villages.

Bhanu's family was one such family, unable to find information about vaccine registrations. But with the help of Jhothari HUB centre, his family could get vaccinated without the burden of visiting the city. This benefitted the beneficiary by avoiding the spread of virus, and saving efforts, time and money.

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Our Projects – Smartpur

Success story »

> Chitra Daris, a 40-year-old farmer, has yet another story that inspires many. A farmer by tradition, Chitra Daris and his wife Mondira practice pig farming in their village in Lamaborgerab, Assam. They relied completely on traditional ways of pig farming and managed to save only a little amount of money each month.

As days went by, Daris' farm was frequently plagued by disease outbreaks, high piglet mortality rate, poor growth rate and high labour requirement. In addition to this, poor nursing of piglets leads to their death. Loss in pig farming causes major setbacks to households with low income and very little saving. Dari's family had to face a similar major setback when their pigs fell sick and died. When traditional medication failed, they finally had to sell the remaining stock at a very low price.

Through our intervention which started with identification of beneficiaries for skill based livelihood training and hand-holding to introduce them to scientific methods of pig rearing, we took onboard Daris as one of the 40 participants to be given a training on pig farming. The topics of the training were introduction to scientific pig farming, different kinds of fodder for pigs, medicines, shelter and floor space required for different breeds and types of pigs. After receiving the training, Mr. Chitra decided to buy six pigs and restarted pig farming integrating scientific methods. Currently, they have 14 pigs that comprises eight piglets and six pigs and are planning to expand their size in the coming months. Apart from the training received we have also assisted them with their linkage to Krishi Vigyan Kendra, Phemaj for regular advice and follow up support. What was once a constant fear has now turned to a solid source of income and a bundle of happiness, at least for Chitra Daris.

Our Projects – Remedial Education

Remedial education for out of school children of migrant population »

Nokia, in collaboration with Samridhdhi Trust, has been trying to tackle the problem of school drop-outs of children since 2015. Samridhdhi Trust located in Bangalore and Indirapuram, has been working to help out-of-school children of migrant labourers integrate and continue in mainstream school. Out-of-school children are provided with a quality education, a conducive atmosphere and support resources such as transportation, mid-day meals, educational materials, and uniforms. The economic attractiveness of big cities such as Bangalore or Delhi NCR has led thousands of families to migrate to these cities at the expense of their children's education. Not only are those children missing years of education. but some of them have also never set foot in a school before.

Several children that are enrolled in the program come from difficult backgrounds and have faced disturbing childhoods ranging from being rag pickers, doing household chores, taking care of their siblings, exposure to drug abuse etc. Most of them are first-generation students from low-income families. Together with Samridhdhi's expertise in the field of education, the project has been able to reach out to wide range of children and has supported 3,081 migrant children in gaining an education.

Project Approach

The program's structure heavily relies on long-term impact. the program has two parts – remedial bridge education to facilitate enrollment of out-of-school children from migrant families and support classes for the enrolled children to ensure no drop-out. Through this approach, the program aims to help the children overcome the barriers to entry into schools and mainstream them into age-appropriate classes. Further, it works towards ensuring that they continue their education.

To ensure holistic development of the children, the intervention includes value-based life skills classes, sports and other co-curricular activities. This has gone a long way in enhancing access, improving scholastic performance and infusing confidence in the children. Exposure to innovation and technology has been a primary component in the program which ensures that students feel comfortable with using technology in their education process.

132	452	109
Children supported through bridge education	Children supported through after school program	Children supported through Samridhdhi Special project

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Our Projects - Remedial Education

Success story »

13-year-old Vikas Kumar hails from a small village and belongs to a humble background. With hopes of finding a better life and opportunities, he migrated to Delhi NCR along with his parents in 2018. This migration led him to drop out of his school and begin a new life in the city. His father decided to sell chole kulche for a living and earned a meagre Rs. 7000 every month. Since raising a family was getting progressively difficult, Vikas's parents wanted him to contribute to the financial situation of the household and get employed. Although Vikas came with a bag packed with dreams and hoping for a better life, he found himself stranded in a city where getting a job was really difficult. His incomplete education was further acting as a hindrance to the completion of his goal.

It was then when he was identified by the team of the Bridge Project at Samridhdhi Trust. After a lot of persuasion by Samridhdhi, Vikas's parents were convinced and allowed him to enroll into the one-year bridge project in 2020-21. The educators found him to be a very attentive and motivated child who also sought joy in playing outdoor games during his free time.

Through their timely intervention, Samridhdhi Trust ensured that Vikas receives quality education and is streamline into the formal education system. During the COVID-19 pandemic, additional support was provided to him and his family through the distribution of groceries and other hygiene essentials.

Vikas is currently studying in the 7th grade at Indirapuram Government School and is also helping his parents whenever possible. Vikas is receiving support from Samridhdhi even after the completion of his Bridge Programme to ensure that there wouldn't be any difficulties in the learning process. Samridhdhi Trust will continue to support him for his onward studies that shall help him secure his future and materialize his dreams.

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Our Projects – Remedial Education

Success story »

Anarul Haque, a smart and studious child from Ghaziabad and a beneficiary of the Bridge Project since the last 5 years, is yet another story of inspiration the Samridhdhi Trust Nokia partnership was able to serve. Coming from a humble family background, he is one of the four children being brought up by a street rickshaw puller and a housemaid couple. Anarul Haque's parents collectively earned only about Rs. 13,000 every month and given the family hardships, he never set foot in a school. Samridhdhi Trust partnered with Nokia was successful in tracing this intelligent child through one of its surveys and as a result, Anarul was able to enroll directly in the 5th standard after his One-Year Bridge Project in 2017-18.

Samridhdhi Trust partnered with Nokia has paved the path for not just bridging the gap but is also providing ASP with Samridhdhi since 2018. The future for Anarul is in the best hands and his family is also being provided with additional support in the crunching times of the pandemic. This project has brought about a paradigm shift in the family's attitude towards breaking out of the poverty cycle, enabling them to find both means and end results for a quality education. He has got all study materials to complete his study both in the offline and online modes. This project has helped him regain his dignity as he is able to read and write better. A dream that would have swayed in the waves of poverty and hardships have now been taken to shore, to a bigger dream and to a brighter future.

Our Projects – Remedial Education

Success story ≫

13-year-old Deeksha belongs to a family of 6 members, forced to migrate to Delhi NCR, after the pangs of poverty struck her family. Amongst the hustle bustle of a big city, Deeksha however found the path to hers to be rather difficult and improbable. Her father struggled hard to raise her family with the little he could earn from his job as a mason. Her mother too helped to sustain the family finances, but they could still not make it beyond Rs. 15,000 a month. The income they earned was barely enough for a family of six and hence her education always took the backseat. Deeksha's father was always interested in sending his children to school, but his economic crunch never allowed him to think beyond putting food on their plates every day he came back home.

Deeksha's father approached Samridhdhi Trust with huge interest and no means for his child's education. Her father did not even have the sufficient ID proofs for the admission procedures. Samridhdhi Trust helped him with the formalities in attaining the proofs and furthered the admission procedures. After a lot of convincing and persuasion, he finally agreed to send Deeksha for the Bridge Programme in 2016. Seeing her potential and talent, she was later transferred to Amrapali School. Her siblings were also enrolled in the programme and are students at the same school.

Deeksha has proved to be the intelligent and excellent student she is, from Day 1 of her studies. Deeksha can now read, write, understand and speak English very well. She has also found her co-scholastic interests and is a familiar face in various dance clubs. Deeksha has a great reputation amongst her classmates and teachers, who always speak high of her ethics, values and hard work. Samridhdhi Trust has been able to effectively extract her huge potential and is continuously working towards providing her with both online and offline study materials for her rigorous studies. Samridhdhi Trust has also provided her family with the basic necessities during the covid pandemic and has lent its shoulder during difficult times. Deeksha's parents are now working harder and harder each day to find means to educate their child and Samridhdhi Trust will continue to give wings to her dreams.

NOKIA

Our Projects – COVID Support

Providing aid to the healthcare infrastructure during the time of covid »

Wadhwani Initiative for Sustainable Healthcare (WISH) is the flagship program of Lords Education & Health Society (LEHS), an Indian not-for-profit organization. With a mission to scale innovations to create an equitable healthcare system and make quality primary healthcare available and accessible to the underserved population. Since 2015, WISH has been augmenting the Primary healthcare service delivery in India through a partnership with the state governments.

WHO data shows over five hundred million (500 million) confirmed cases and more than six million (6 million) deaths reported by April 2022 because of COVID-19. The COVID-19 pandemic had a devastating impact on human lives, economy, social customs, norms, and rituals has posed unprecedented challenges for the entire world. Globally COVID-19 pandemic has placed extraordinary demands on the health system, health facilities, and the health workforce of every country. India's healthcare system was no exception and was overburdened with a high demand of hospital beds, ICU beds, medicine, oxygen and vaccines. The three-tier healthcare system of the country faced a tremendous burden due to which the health facilities came under unprecedented pressure to fight the pandemic.

In collaboration with Nokia, WISH joined forces with Holy Family Hospital in Delhi, Vijay Medical and Educational Trust (VMET) in Chennai, Max Super Specialty Hospital in New Delhi and Nanavati Charitable Hospital in Mumbai in their fight against COVID-19. They provided medical officers, staff nurses, support staff, mental health counsellors, yoga counsellors and lab technicians to these hospitals along with medical equipment like oxygen plants, ventilators, ECMO machines, ICU machines, Bi-pap machines, Dialysis machines, PPE kits and other equipment.

In total, four thousand, six hundred, and twenty-four (4624) COVID patients were admitted in four hospitals, out of which 25.7 percent had to be admitted in the ICU, with majority of them at Vijaya hospital (32.4%), followed by Max Saket (28.1%), 24.3 percent in Nanavati and around 15 percent at Holy Family hospital.

4,624	**8**	**35**
COVID patients admitted across 4 hospitals	Hospitals were provided with oxygen plants	Ventilators and ICU monitors were donated

NOKIA

Our Projects- Robotics research

Research on network robotics and its application towards enhancement of SDG'S – IISC Bangalore »

Nokia has collaborated with the Indian Institute of Science in Bangalore to establish a network robotics laboratory that will be available to the academic and innovation system which can be used by Start Up's, entrepreneurs and others.

The objective behind this initiative assist in carrying out meaningful research on design of next generation networks and application of Artificial Intelligence for solving societally relevant problems.

The Nokia Center of Excellence for Networked Robotics was established at IISc as a CSR project and started functioning towards the end of 2020. In the first year, the focus of the center was on research and applications related to Ground Robots - Ensuring Safety of Human Operations in Industrial Environments with network intelligence enhanced Ground Robot Operations. The IISc and Nokia team worked closely and shared research perspectives. Some of the domains of work and outcomes are:

1. Lab setup for experimentation with Multi-Robot task execution experiments.

2. Developed a joint network and robotic simulation platform for ease of experimentation and algorithm development for enhancing network as well as application performance.

3. Video Analytics solution for complementing Robot Localization and Navigation in factory, particularly to ensure Human Safety

4. Papers submitted in reputed conferences on the topics of research above.

5. Initiated collaboration with a manufacturing unit on a demonstrating concrete industrial use case with 5G.

Despite the delays brought by various COVID waves, the project is aiming to be more aggressive and expand the program to scenarios including Aerial Robots (Drones) along with Ground Robots for Societal use cases like (outdoor) Disaster Response and Management, along with working with a structured plan for translating research outcomes to concrete demos leveraging IISc start-up incubation framework (ARTPARK) with support from the Nokia Chennai factory.