ECHO INDIA
ANNUAL REPORT
2022-2023

#Moving Knowledge Not People

WWW.ECHOINDIA.IN

NATIONAL HEALTH MISSION
राष्ट्रीय स्वास्थ्य मिशन

आयुष्मान भारत
हेल्थ एवं वेलनेस सेंटर - खड़मा

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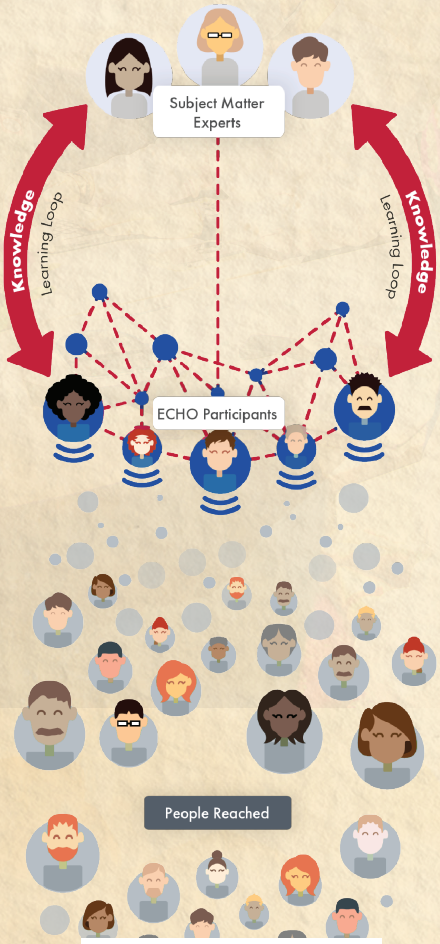
Building Communities of Practice to Address Societal Challenges



SCAN ME!

ABOUT ECHO INDIA

ECHO India is a non-profit trust committed to improving the well-being of communities by empowering first-mile professionals through capacity-building initiatives. Our comprehensive approach encompasses healthcare, education, and support for the achievement of the Sustainable Development Goals (SDGs). We collaborate closely with government bodies, healthcare institutions, hospitals, medical colleges, nursing councils, schools, and development sector entities.

ECHO India's innovative 'Hub and Spoke' Model of capacity building involves a team of experts serving as the hub, mentoring and training the spokes, who are a cohort of learners. This approach is supported through a cutting-edge digital infrastructure, 'iECHO' that enables scalable and sustainable capacity building in a cost-effective manner. Together, we strive to create positive change and drive meaningful impact in the communities we serve.

ECHO India aims to impact the lives of 400 million people in India by the end of 2025.

THE ECHO MODEL OF LEARNING

A

Amplifying - Use **Technology** to leverage scarce resources

B

Sharing **Best Practices** to reduce disparity

C

Case Based Learning to master complexity

D

Web-based **Database** to **Monitor Outcomes**

ECHO India aims to impact the lives of 400 million people in India by the end of 2025. To achieve this goal, in collaboration with our partners, we have launched over 350 hubs and implemented 800 capacity-building programmes that cover more than 30 disease areas.

These programmes have witnessed over 1.5 million attendances from healthcare workers and educators across the country, with remarkable results. The ECHO Model's 'All Teach All Learn' framework has been proven effective and has been validated by over 500 peer-reviewed articles published in renowned national and international journals, such as The New England Journal of Medicine and The Lancet. ECHO India has joined forces with the Ministry of Health and Family Welfare (MoHFW) and 28 state National Health Missions (NHMs), municipal corporations, nursing councils, and esteemed medical institutions across India.

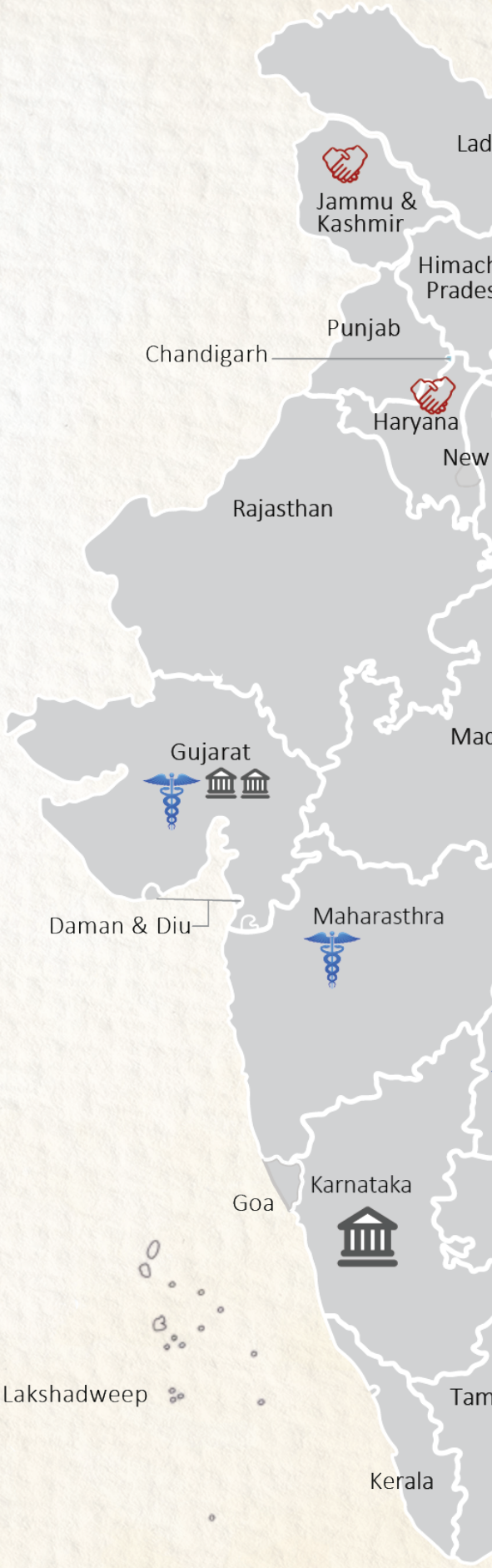
Some of our leading institutional partners include AIIMS (All India Institute of Medical Sciences), NIMHANS (National Institute of Mental Health & Neurological Sciences), Pallium India, NITRD (National Institute for Tuberculosis and Respiratory Diseases), NICPR (National Institute of Cancer Prevention & Research), Tata Memorial Hospital, and PGIMER (Post Graduate Institute for Medical Education & Research). By collaborating with these entities, ECHO India is making significant strides toward strengthening the country's healthcare system.

ECHO INDIA
IMPACT AND OUTREACH
As of 31st March 2023

- Signed partner of the Ministry of Health & Family Welfare, Government of India since 2019
- Supporting the National Health Mission (NHM) in the majority of Indian states and Union Territories (UTs)
- 60+ dedicated hubs for Tuberculosis
- Key Institutional Partners: National Institute of Mental Health and Neuro-Sciences (NIMHANS), Pallium India, National Institute of Tuberculosis and Respiratory Diseases (NITRD), National Institute of Cancer Prevention and Research (NICPR), National Health Systems Resource Centre (NHSRC), and Tata Memorial Hospital (TMH)

FY 2022-2023

AIIMS Partners	NHM Partners	Municipal Corporation Partners
08	08	04



148+ HUBS

3,510+ SESSIONS

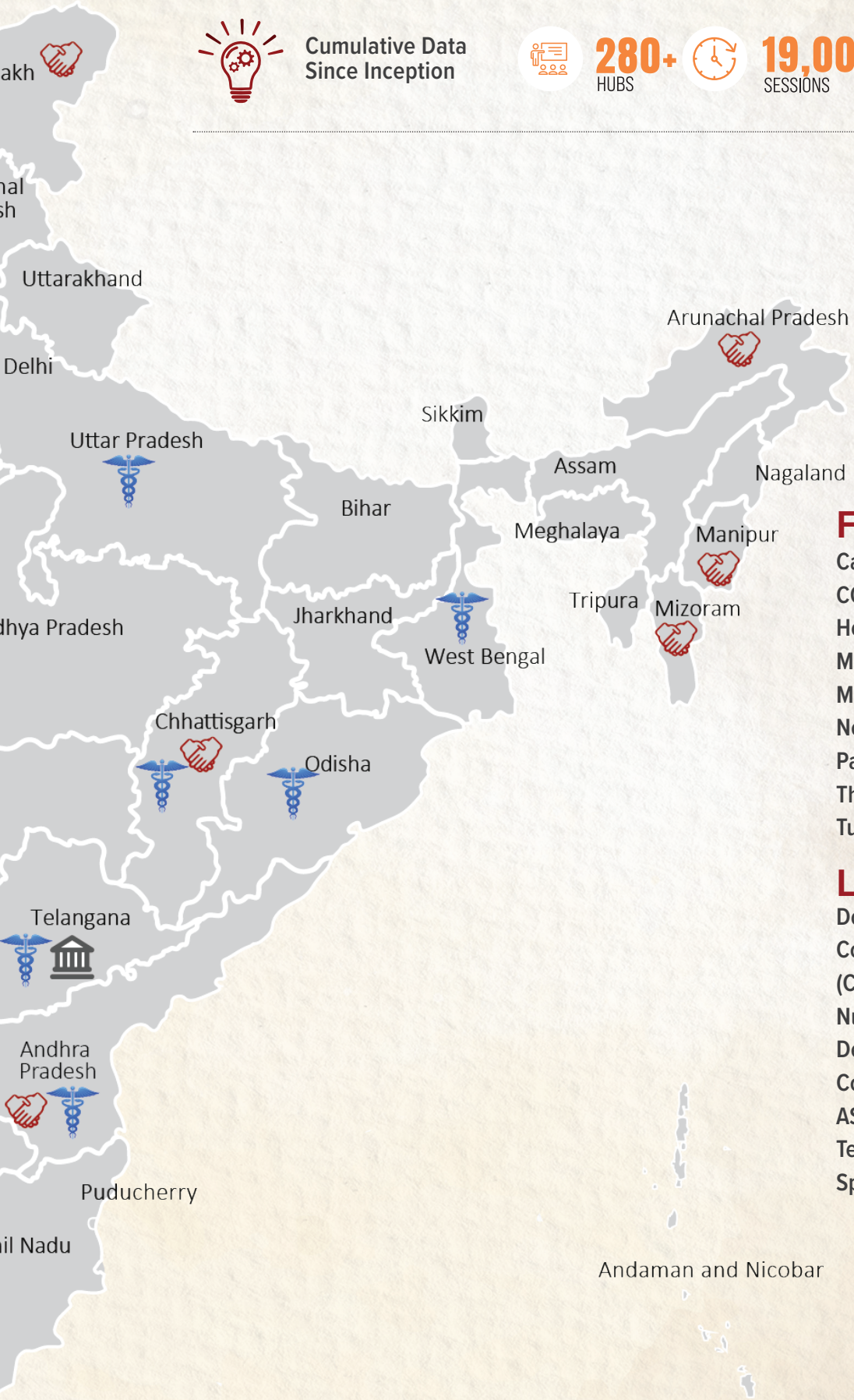
2,05,800+ ATTENDANCES

Cumulative Data Since Inception

280+ HUBS

19,000+ SESSIONS

14,30,000+ ATTENDANCES



FOCUS AREAS

- Cancer
- COVID-19
- Hepatitis C
- Maternal & Child Health
- Mental Health
- Non-Communicable Diseases
- Palliative Care
- Thalassemia
- Tuberculosis

LEARNERS

- Doctors
- Community Health Officers (CHOs)
- Nurses
- Dentists
- Counselors
- ASHAs/ANMs
- Teachers & School Leaders
- Specialists

FROM THE CHAIRPERSON'S DESK

Dr. (Col) Kumud Rai, SM
Chairperson & Managing Trustee,
ECHO India

Dear Readers,

I am pleased to share with you the ECHO India Annual Report for 2022-2023, reflecting the milestones and achievements over the past financial year.

Our collaborative efforts in Healthcare, Education, and other Sustainable Development Goals (SDGs) have not only sustained our impact but have propelled us forward. From joining hands with state National Health Missions (NHMs) in Ladakh and Northeast India to embarking on strategic partnerships with eight AIIMS and various Municipal Corporations, we have demonstrated adaptability and the power of collective action.

ECHO India also joined hands with ARTIST for Her (Asian Research and Training Institute for Skill Transfer) to aid the Continuing Medical Education of medical professionals, including nurses, ASHAs, and other Community Health Workers (CHWs) working in Maternal & Child Health (MCH) services.

Looking ahead, ECHO India is set to initiate its ECHO for Gender Equity in Schools program, extending its support for SDG 5-Gender Equality. The program aims to empower educators and schools to create gender-inclusive classrooms and empower them to drive gender equality in their communities.

These accomplishments are a testament to the unwavering dedication of the entire ECHO India family and the support of our partners and communities. Your commitment inspires us and fuels our determination to create a lasting impact by touching 400 million lives by 2025.

Thank you for being an integral part of our journey.

FROM THE EXECUTIVE DIRECTOR

Dr. Sunil Anand
Executive Director,
ECHO India

Dear Friends and Supporters,

As we navigate the pages of the ECHO India Annual Report for the financial year 2022-2023, I am delighted to share highlights of this impactful journey.

This year underscores the resilience and determination embedded at the heart of our organization. Through every challenge, our team showcased unwavering commitment to our mission of serving the underserved and fostering innovation and learning, with iECHO extending the reach of the ECHO platform. It is with great pride that I share the exceptional results of these endeavors with you.

As ECHO India continues to extend its reach in the country's Northeast region, we joined hands with National Health Mission (NHM) Mizoram and National Health Mission (NHM) Arunachal Pradesh. Through these partnerships, we envision a future where healthcare is accessible to everyone across the Northeastern landscape while fortifying healthcare systems across all levels.

A notable event of this fiscal year was the high-level roundtable conference on Health System Strengthening, held in collaboration with the esteemed National Institute of Health & Family Welfare (NIHFW). Enabling discussions on a comprehensive roadmap for a future-ready and robust healthcare system, the conference saw the presence of distinguished dignitaries, including Prof (Dr) Atul Goel, Director General of Health Services, MoHFW, and Maj. General Dr. Atul Kotwal, Executive Director, NHSRC, National Health Mission, MoHFW.

These milestones, however, would not have been possible without the support of our partners and dedicated team. Looking ahead, our commitment to our values and mission remains steadfast, and your belief is the cornerstone of our success.

Thank you for being an indispensable part of our community and for contributing to ECHO India's transformative journey.

TRUSTEES OF THE BOARD

Meet the Visionaries Driving the ECHO Movement

Trustees

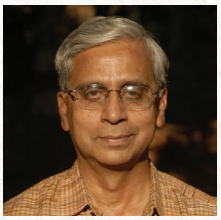
Dr. (Col) Kumud Rai, SM
Chairperson & Managing Trustee,
ECHO India

Dr. Soumya Swaminathan
Chairperson, M S Swaminathan
Research Foundation
Former Chief Scientist,
World Health Organisation (WHO)

Dr. Arvind Lal
Padmashree Awardee
Chairman & Managing Director,
Dr. Lal PathLabs

Dr. Subrat Acharya
Padmashree Awardee
Pro Chancellor, KIIT University
Bhubaneshwar

Meenakshi Datta Ghosh
Former Secretary,
(Ministry of Health & Family Welfare)
Government of India



Dr. Hanumappa Sudarshan
Padmashree Awardee
Founder and Secretary, Karuna Trust

Amit Midha
Associate Vice President,
Operations & Unit Head
Max Healthcare

Leadership

Dr. (Col) Kumud Rai, SM
Chairperson & Managing Trustee
ECHO India

Dr. Sunil Anand
Executive Director
ECHO India

Surojit Chattoraj
Chief Operating Officer
ECHO India

SENIOR TEAM

Dr. Sandeep Bhalla
Associate Vice President - Projects

Ms. Pooja Virmani
Senior General Manager - HR, OD & DEI

Mr. Harshmit Singh
Senior General Manager - Finance, Accounts & Procurement

Mr. Babu Entoor Ramachandran
General Manager - Projects

Dr. Haresh Chandwani
General Manager - Projects

Dr. Karan Rai
General Manager - Monitoring, Evaluation & Research

Mr. Tarun Kumar
Deputy General Manager - Training

Ms. Mini Singh
Deputy General Manager - Grant Management

Mr. Ujjwal Pratap
Head - Marketing and Communications

Ms. Deepa Jha
Deputy General Manager - Projects

Ms. Paromita Das
Deputy General Manager - Projects

THE ECHO SOLUTION

ECHO is a low-cost, scalable solution to facilitate seamless transfer of knowledge from centres of expertise to the community.

The ECHO Model of Capacity Building

Amplifying - Use **Technology** to leverage scarce resources

Sharing **Best Practices** to reduce disparity

Case Based Learning to master complexity

Web-based **Database** to **Monitor Outcomes**

The model is **easy to adopt** and used for strengthening the public **healthcare system in India**

ECHO connects frontline health workers to experts and builds capacity for delivery of quality healthcare to vulnerable populations.

Experts at premier medical and academic institutions

Doctors and medical officers at public and private facilities

Nurses and frontline health workers serving patients in the community

NATIONAL PROGRAMMES USING THE ECHO MODEL

The Ministry of Health & Family Welfare (MoHFW) signed an MoU with ECHO India in September 2019 and now several National healthcare programmes are leveraging the ECHO model of capacity building.

National Tuberculosis Elimination Programme (NTEP)

National Viral Hepatitis Control Programme (NVHCP)

Pradhan Mantri Jan Arogya Yojana (PMJAY)

National Cancer Screening Programme (NCSP)

National Mental Health Programme (NMHP)

Key Institutional Partners

ECHO India has partnered with the country's apex healthcare institutions to drive specialty medical knowledge dissemination to frontline healthcare workers.

National Institute for Tuberculosis and Respiratory Diseases (NITRD)

National Institute for Tuberculosis and Respiratory Diseases (NITRD) and ECHO India are continuing their collaboration towards the goal of TB-free India by 2025.

National Institute of Mental Health and Neuro Sciences (NIMHANS)

To address the widening skills gap in mental health treatment, the National Institute of Mental Health and Neuro Sciences (NIMHANS) partnered with ECHO to disseminate critical knowledge to medical professionals.

National Institute of Cancer Prevention and Research (NICPR)

Case-based mentorship programmes run by National Institute of Cancer Prevention and Research (NICPR) over the ECHO platform have helped participants conduct their own screening programmes and treat needy patients facing early symptoms of cancer.

All India Institute of Medical Sciences (AIIMS)

In a concerted effort, so far 17 AIIMS have partnered with ECHO India. This strategic alliance aims to fortify health systems by leveraging the collective expertise and resources of these premier medical institutions, driving comprehensive healthcare transformation and system strengthening across the nation.

FROM VISION TO IMPACT

Our Commitment to Supporting the Sustainable Development Goals

Since its establishment in 2008, ECHO India's primary focus on healthcare has dynamically expanded to encompass a more comprehensive approach. While healthcare remains a pivotal sphere, ECHO India has ardently diversified its efforts to embrace the interconnected realms of the Social Determinants of Health (SDH) and the Sustainable Development Goals (SDGs).

By acknowledging the significance of the SDGs and the SDH, ECHO India is poised to create a ripple effect, influencing positive change across multiple dimensions, striving towards a more equitable, healthier, and sustainable future for communities nationwide.

This strategic evolution positions ECHO India at the forefront of initiatives that not only aim to advance healthcare but also seek to address fundamental social, economic, and environmental determinants crucial for overall well-being.

ECHO India's mission resonates with:

SDG 3:

Good Health and Well-Being

By facilitating various capacity-building programmes, ECHO is supporting the Sustainable Development Goal (SDG 3) of Good Health and Well-Being. It does so by:

- Upskilling healthcare professionals, including doctors, nurses, and Community Health Workers (CHWs)
- Promoting healthcare education and awareness
- Fostering innovation
- Initiating partnerships and collaborations with various stakeholders, including the Government of India

SDG 4:

Quality Education

The Sustainable Development Goal (SDG 4) of Quality Education focuses on ensuring quality education and lifelong learning opportunities for all. In collaboration with schools and institutions across the country, ECHO India aims to enable professional development of teachers, mentors, and education specialists by leveraging technology and innovation. ECHO also promotes inclusive education and community engagement by supporting various comprehensive and integrated education initiatives.

HEALTHCARE

Empowering India's Health Landscape through Innovations, Partnerships, and Capacity Building

ECHO India is reshaping healthcare through collaborative knowledge sharing, and bolstering capacity by bridging the gap between experts and frontline healthcare professionals.

ECHO India empowers healthcare practitioners nationwide through interactive virtual teleECHO sessions. By harnessing technology and expert insights, ECHO India revolutionizes healthcare delivery, particularly in underserved areas with historically limited access to specialized care.

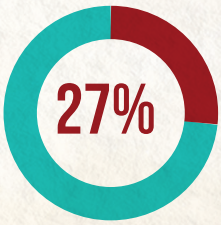
By empowering healthcare professionals to address complex health challenges, from infectious diseases to non-communicable diseases, ECHO India's impact is far-reaching. By fostering continuous learning, mentorship, and peer support, ECHO India is enabling the development of a resilient and well-informed healthcare workforce that is equipped to tackle the most pressing healthcare issues in a timely manner.

ECHO India democratizes healthcare knowledge, ensuring inclusivity and equity and paves the way for a brighter, healthier future through collaboration and innovation, leaving no one behind.

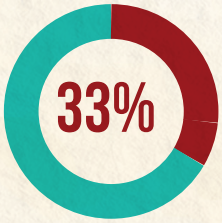
THE HEALTHCARE CHALLENGE

116 OUT OF 1000

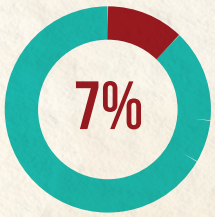
Indians suffer from the top three non-communicable disease (NCDs) i.e. diabetes, hypertension and cancer



Of the global cases of tuberculosis (TB) are borne by India; TB accounts for 1000+ deaths in India daily



Of global cervical cancer deaths happen in India



Indians suffer from mental health issues, with COVID-19 having accentuated problem further

WOMEN AND OTHER VULNERABLE POPULATIONS BEAR THE HEAVIEST BURDEN

Only 37% women have access to healthcare vs 67% of men

Only 13% of rural populations have access to primary healthcare services

CHALLENGE FACED BY WOMEN AND VULNERABLE POPULATIONS

- Lack of awareness of the problem
- Lack of easy access to affordable quality care
- Lack of opportunity/agency to travel for obtaining expert support

There is huge gap in availability of capable human resources in underserved and remote areas

Expert doctors live in rural areas where

of the population resides

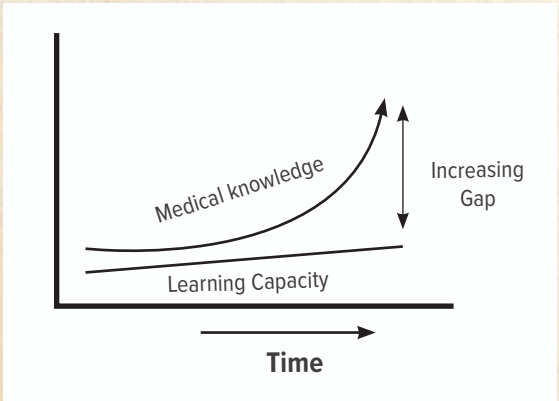
Even so

Disease conditions can be addressed at the primary/preventive care level

But

Frontline medical practitioners do not have the requisite knowledge and expertise to deliver care effectively.

Dissemination of knowledge and expertise at scale could help address the capability gap for healthcare professionals



Building capability and expertise of primary care clinicians could significantly improve the quality of healthcare outcomes for millions of patients.

EMPOWERING THE HEART OF HEALTHCARE: THE NURSING FRATERNITY

Nurses are healthcare's cornerstone, playing a pivotal role in patient well-being. Their dedication, compassion, and expertise make them frontline heroes in hospitals and clinics, often exposed to significant personal risks, as exemplified during the COVID-19 pandemic. They not only provide vital medical care but also essential emotional support during times of illness and distress. Nurses' irreplaceable role in healthcare underscores the importance of ongoing medical education, leading to ECHO India's Nursing division in 2020.

Empowering nurses requires a holistic approach, including continuous education, mental health support, and promoting research and innovation. Collaboration among healthcare institutions, educational bodies, and government agencies elevates the nursing profession, enhancing healthcare standards and patient well-being nationwide.

FY 2022-2023

22+ HUBS

340+ SESSIONS

33,400+ ATTENDANCES

Since 2020, ECHO India has launched programmes to enhance nursing skills, offering specialized training in areas like Infection Prevention, COVID-19 Advocacy, Mental Health, and more. These initiatives have gained support from partners like the Tamil Nadu Nurses and Midwives Council, Pediatric and Neonatal Nurses Forum India, and the Trained Nurses Association of India, addressing the vital need for continuous learning and upskilling among nurses.

ECHO India has facilitated several learning programmes aimed at upskilling the nursing fraternity. These initiatives span diverse focus areas like Infection Prevention & Control (IPC), COVID-19 Vaccination & Advocacy (VCAP), Mental Health, Obstetrics, and Palliative Care. Some of ECHO India's notable partners include the Nagaland Nursing Council, the Nursing Teachers' Association of India (NTAI), Gujarat Nursing Council, and Trained Nurses Association of India (TNAI).

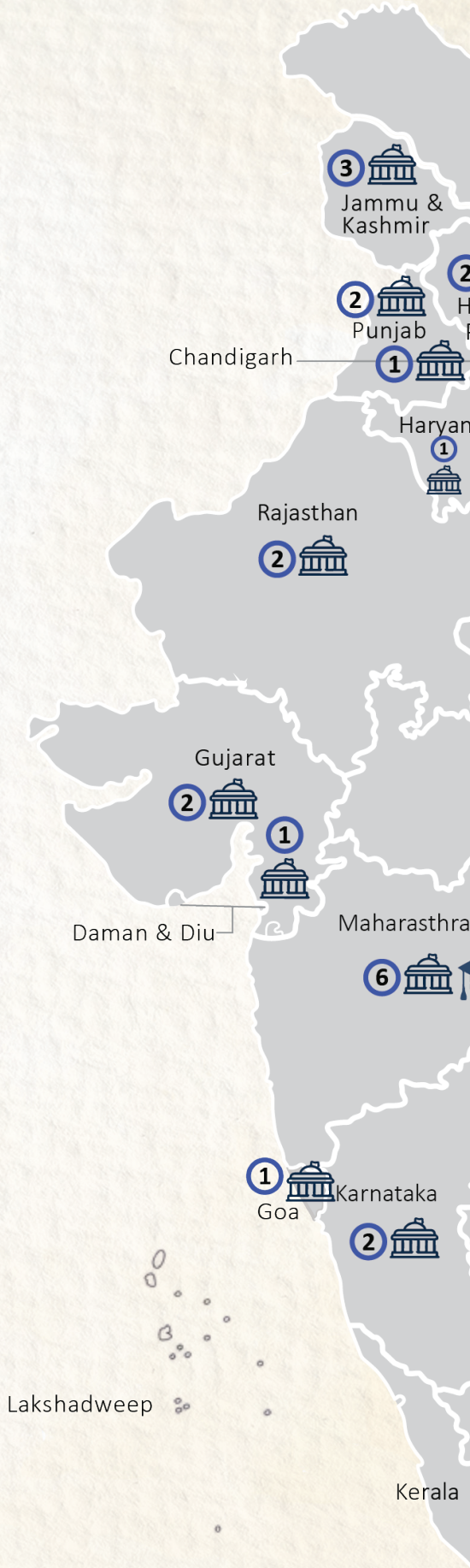
TUBERCULOSIS

In India, tuberculosis (TB) is a significant health concern driven by a large population, overcrowded living conditions, and limited healthcare access. **Drug-resistant TB poses a substantial challenge** due to extended treatment, limited drugs, and diagnostics, along with delayed diagnosis and insufficient treatment. **Stigma surrounding the disease** further hampers management, necessitating improved healthcare, diagnostics, awareness, and stigma reduction.

A comprehensive approach is crucial in the fight against TB in India, emphasizing the need for early detection and diagnosis, patient-centered care, stigma reduction, multi-sectoral collaboration, and community involvement, particularly in high-burden areas.

In line with the National TB Elimination Programme's (NTEP) objective to eliminate TB in India by 2025, ECHO India supports its partners to enhance the skills of healthcare workers. Collaborating with the National Institute for Tuberculosis and Respiratory Diseases (NITRD), ECHO fosters comprehensive TB control, covering diagnosis, treatment, training, and research. This government-recognized partnership has elevated treatments and reduced the TB burden. ECHO also collaborates with State TB Training and Demonstration Centres (STDCs) and State Tuberculosis Cells (STCs) nationwide.

The ECHO Model is now an integral part of the revamped NTEP, empowering healthcare providers across all TB-related institutions and initiatives, from primary clinics to advanced hospitals. Through collaboration with national and state-level institutions, the aim is to empower the dedicated TB healthcare workforce, all in pursuit of the ambitious goal of eliminating TB from India by 2025.



FY 2022-2023

62+ HUBS

1,450+ SESSIONS

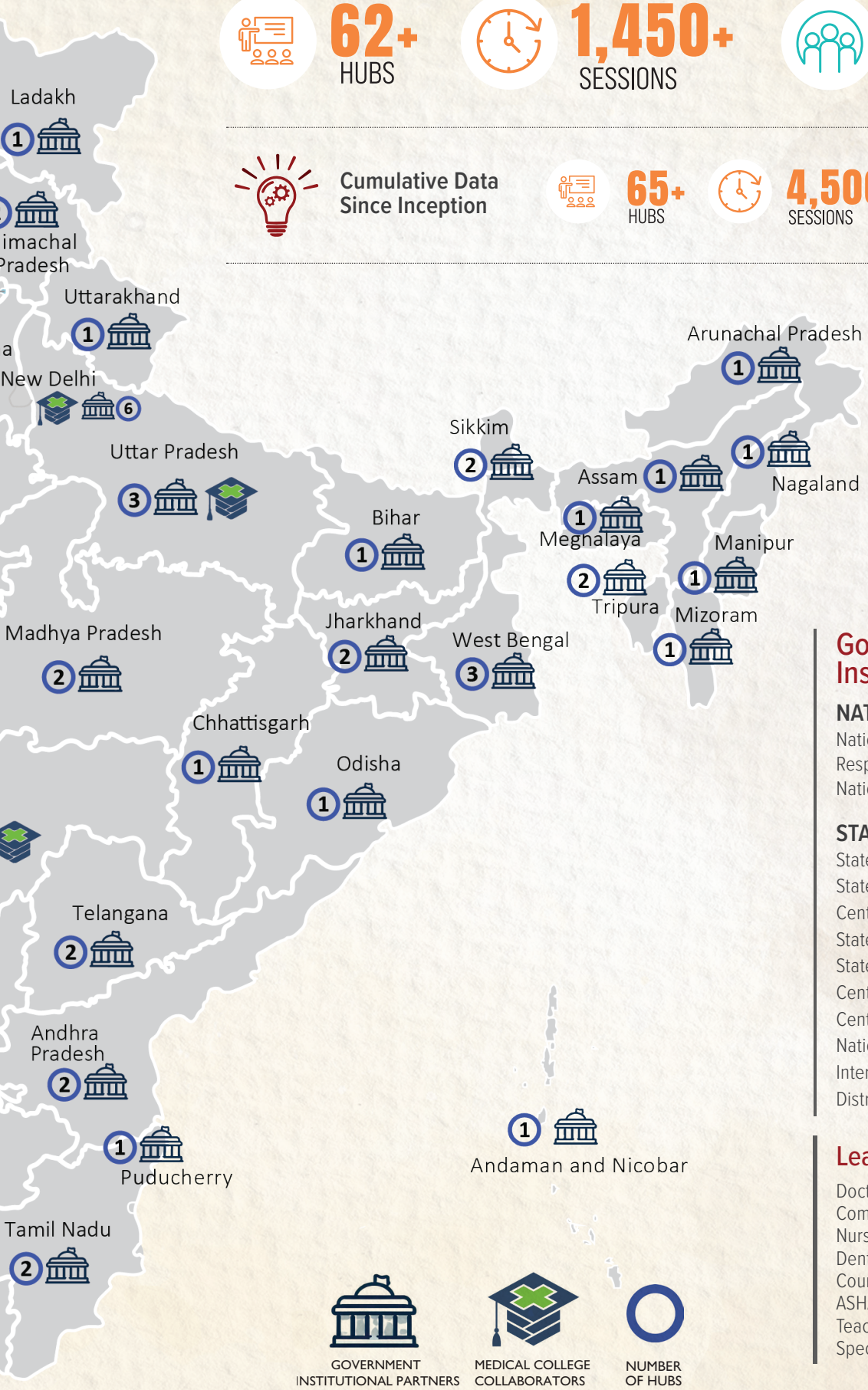
1,00,800+ ATTENDANCES

Cumulative Data Since Inception

65+ HUBS

4,500+ SESSIONS

3,60,000+ ATTENDANCES



Government Institutional Partners

NATIONAL:

National Institute of Tuberculosis and Respiratory Diseases (NITRD)
National Reference Laboratory (NRL)

STATE:

State TB Cell (STC)
State TB Training and Demonstration Center (STDC)
State Technical Support Unit (STSU)
State Task Force (STF)
Centre of Excellence (DRTB)
Centre of Excellence (Paediatric TB)
National Reference Laboratory (NRL)
Intermediate Reference Laboratory (IRL)
District TB Centre (DTC)-TB Districts

Learning Cohorts

Doctors
Community Health Officers
Nurses
Dentists
Counselors
ASHAs/ANMs
Teachers & School Leaders
Specialists

*A TB Champion is a person who has been affected by TB and successfully completed the treatment. TB Champions, in their capacity as survivors, are role models and can provide valuable support to those with TB and their families.

MENTAL HEALTH

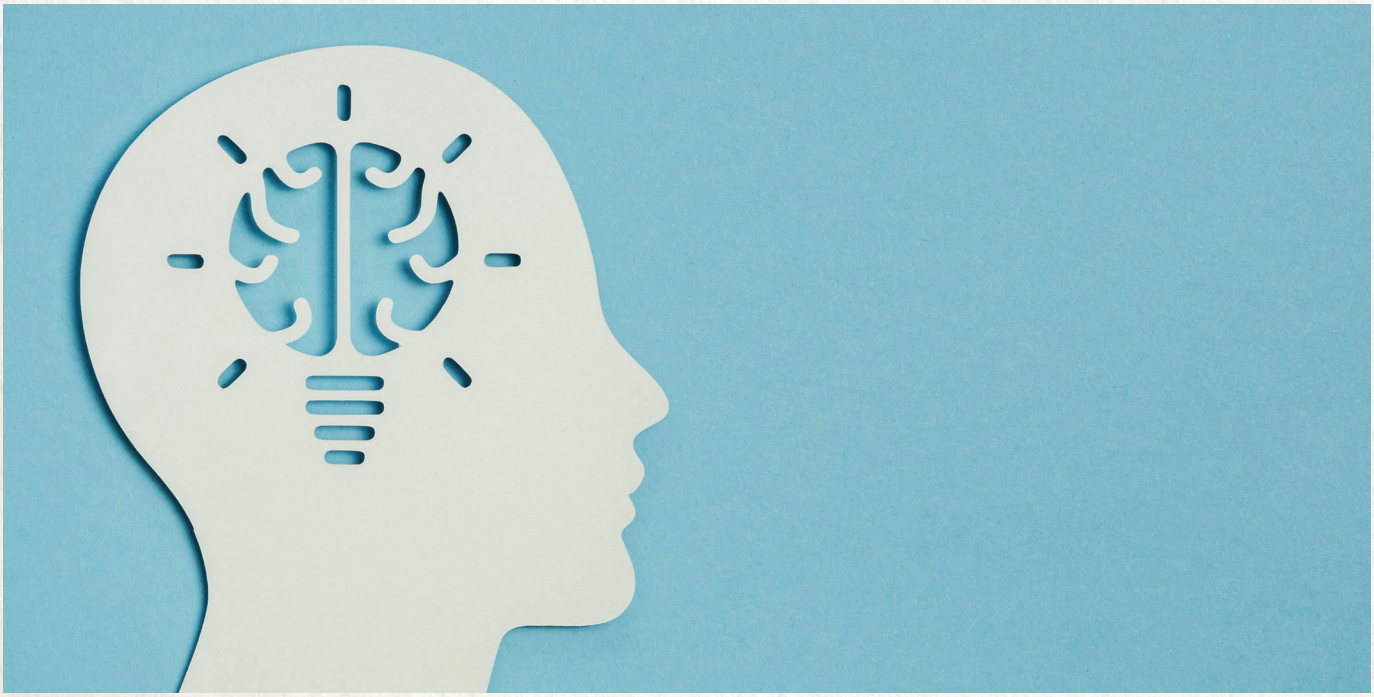
Addressing mental health among Indians is of utmost importance due to its far-reaching impact on individuals and society as a whole. Mental health disorders significantly contribute to morbidity, disability, and, in some cases, even mortality. These conditions can lead to a range of health complications, exacerbate existing physical ailments, and diminish the overall quality of life.

FY 2022-2023

12+ HUBS

190 SESSIONS

8,600+ ATTENDANCES



The prevailing stigma surrounding mental health issues silences those affected, hindering their ability to seek help and receive proper treatment. This societal bias not only delays intervention but also fosters discrimination and exclusion, further diminishing the well-being and quality of life for those dealing with mental health challenges. Further obstacles like limited access to care, low awareness, societal misunderstandings, and a shortage of mental health professionals, especially in remote areas can deter individuals from seeking assistance, resulting in delayed or insufficient treatment and worsening the impact of mental health issues on their overall well-being.

ECHO India is currently collaborating with a diverse group of stakeholders, dedicated to advancing mental health initiatives and enhancing the proficiency of medical professionals in mental healthcare delivery. Our esteemed partners include renowned institutions such as the National Institute of Mental Health and Sciences (NIMHANS), Society for Mental Health in Low and Middle-Income Countries (SoMHiL), Mind India, and the Directorate General of Health Services (DGHS), Ministry of Health and Family Welfare (MoHFW).

CANCER

Cancer has emerged as a significant health challenge in India, **attributed to various factors such as lifestyle habits, tobacco consumption, and limited healthcare infrastructure, particularly in underserved regions. Late detection of cancer remains a key challenge**, primarily due to a lack of awareness and limited access to screening facilities. This often results in the diagnosis of advanced stages of the disease, making treatment more difficult and reducing the chances of successful outcomes.

FY 2022-2023

16+ HUBS

950+ SESSIONS

30,100+ ATTENDANCES

The current priorities for capacity building in cancer care include early detection, equitable access to treatment, comprehensive education and awareness, palliative care, and multidisciplinary care. Focusing on these aspects is crucial for enhancing cancer care, reducing mortality, and improving the quality of life for cancer patients.

In pursuit of these priorities, ECHO India collaborates with renowned institutions like the Tata Medical Centre, the National Institute of Cancer Prevention and Research (NICPR), Adyar Cancer Institute (WIA), CanKids KidsCan, PHO India, and several state National Health Missions (NHMs) to enhance cancer care.

A notable initiative facilitated by ECHO is NICPR's programme on Cancer Screening and Cytology-Based Cervical Cancer Screening for Medical Officers (MOs), which provides comprehensive training on cancer epidemiology, diagnosis, and management. Additionally, in partnership with ECHO India, CanKids runs the CanKids-ECHO Care Plan Project, dedicated to creating care plans for children battling cancer, ultimately elevating treatment standards and supporting social workers.

MATERNAL & CHILD HEALTH

In the heart of India's progress, the well-being of its mothers and children stands as a sacred promise for the nation's future. A vital cornerstone of the nation's well-being, prioritizing the health of mothers and children not only reduces mortality rates but also fosters economic productivity and social development. This commitment aligns with SDGs global development goals and signifies India's dedication to improving healthcare access and infrastructure. By investing in the well-being of its mothers and children, India is sowing the seeds of a healthier, more prosperous, and equitable future.

To enhance maternal and child health in India, it is crucial to ensure accessible and qualitative healthcare services, particularly in underserved regions. Promoting regular antenatal and postnatal care for mothers, strengthening immunization programmes, and expanding education and awareness efforts are paramount. Additionally, nutritional support, family planning services, skilled birth attendance, and community health workers play a pivotal role.

FY 2022-2023

06+ HUBS

40+ SESSIONS

1,400+ ATTENDANCES

ECHO India, in collaboration with state NHMs, facilitates capacity-building initiatives, including Continuous Medical Education (CME) sessions and skill-building workshops. These programs focus on enhancing clinical skills, promoting evidence-based practices, and boosting knowledge in critical areas like antenatal care, safe delivery practices, emergency obstetric care, newborn care, and child health interventions.

In partnership with ARTIST for Her, ECHO India facilitates mentorship of healthcare assistants to improve healthcare outcomes for mothers and newborns. Additionally, in collaboration with Every Infant Matters (EIM), ECHO India enables the training of Auxiliary Nurses and Midwives (ANMs) in the Northern and Eastern regions of Sikkim, with a focus on comprehensive maternal and newborn care.

PALLIATIVE CARE

Palliative care, a vital component of healthcare aimed at improving the quality of life for individuals battling serious illnesses, confronts several challenges in India. Primarily concentrated in urban areas, there is limited awareness regarding its benefits and scope, impeding its broader accessibility and impact. These challenges are exacerbated by insufficient infrastructure and the pressing demand for additional trained palliative care professionals, encompassing doctors, nurses, and social workers.

The importance of palliative care lies in its ability to enhance the quality of life for individuals facing serious illnesses, particularly those with advanced or terminal conditions. It provides relief from symptoms, emotional support, and a holistic approach to care, ensuring patients and their families experience dignity, choice, and improved well-being during challenging times. Additionally, it reduces emotional and financial burdens, enhances patient satisfaction, and humanizes the healthcare system, emphasizing the importance of a dignified and compassionate end-of-life journey.

FY 2022-2023

08+ HUBS

415+ SESSIONS

17,200+ ATTENDANCES

As a step forward, a comprehensive approach needs to be undertaken, starting with integrating palliative care into primary healthcare services and upskilling and training the palliative care workforce, especially in underserved regions. To support this, ECHO India collaborates with organizations such as Pallium India, CanSupport, the Trivandrum Institute of Palliative Sciences (TIPS), Dr. Bhubaneswar Borooah Cancer Institute (BBCI), and DNipCare to facilitate a range of initiatives.

TIPS, in partnership with ECHO India since 2017, has conducted over 100 capacity-building programs, focusing on palliative medicine, pain management, and grief support. These initiatives have successfully upskilled and mentored a diverse range of healthcare professionals, from doctors and nurses to physiotherapists, counselors, medical students, and allied health providers.

COVID-19

The COVID-19 pandemic has profoundly impacted India, creating challenges in public health and the economy. During the pandemic, healthcare and frontline workers were tirelessly providing critical care and support to those affected by the virus. It called for **building capacities of our frontline workforce to deal with healthcare emergencies.**

Through collaborations with central and state governments, to date, ECHO India has aided the mentorship of more than tens of thousands of healthcare professionals, including doctors, nurses, and Community Healthcare Workers, providing ongoing support for the COVID-19 response. These initiatives have been essential for addressing diverse health issues and preparing healthcare workers to tackle future concerns.

FY 2022-2023

16+ HUBS

105+ SESSIONS

14,000+ ATTENDANCES

Infection Prevention and Control (IPC)

ECHO India partnered with public health entities to train 5,500 nurses in Infection Prevention & Control (IPC) during the pandemic. The programme featured a curriculum covering IPC and soft skills, and offered short weekly sessions to accommodate nurses' demanding schedules. Training effectiveness was closely monitored. The collaboration established 15 hubs for future training, conducting 200 IPC and 60 soft skills sessions, and emphasized nurses' critical role in COVID-19 management amid a global crisis.

COVID-19 Vaccination Confidence and Advocacy Programme (VCAP)

The COVID-19 Vaccination Confidence & Advocacy Programme (VCAP) is dedicated to empowering healthcare professionals in underserved areas to address COVID-19 vaccine hesitancy effectively. Its mission involves equipping healthcare workers with the necessary skills to confidently promote COVID-19 vaccination and enhance their capability to detect and manage vaccine-related adverse events. The programme has been conducted in partnership with NHM Nagaland, NHM Arunachal Pradesh, Kolkata Municipal Corporation (KMC), the Directorate of Public Health in Tamil Nadu, Maharashtra Nursing Council, and Sikkim Nursing Council.

Community Healthcare Workers (CHWs)

ECHO India launched a vital capacity-building initiative designed to empower Community Health Workers (CHWs) in tackling the complex healthcare challenges arising from the COVID-19 pandemic. The programme was conducted in partnership with KMC, West Bengal, the Directorate of Public Health in Tamil Nadu, NHM Sikkim, and NHM Himachal Pradesh, and provided mentorship to thousands of CHWs, equipping them with knowledge in both COVID-19 management and Comprehensive Primary Healthcare.

Long-COVID

Long COVID refers to a condition where individuals who have recovered from the acute phase of COVID-19 continue to experience a range of persistent and new symptoms for weeks or months after their initial infection. It can significantly impact an individual's quality of life and therefore needs ongoing medical diagnosis, support and treatment.

ECHO India facilitated various initiatives, including a webinar series, to bridge the capacity gap among healthcare providers to monitor patients, identify Long COVID complications and provide appropriate care, thereby improving healthcare service delivery with respect to Long COVID syndrome.

EDUCATION

Upskilling Educators for Better Learning Outcomes

Educators, in India, seek need-based continuous professional development and mentorship to be able to meet the needs of their students as well as the changing demands of the society. As per the National Education Policy 2020, continuous opportunities need to be made available to teachers for self-improvement and to learn about the latest innovations and advancements in the field of education.

ECHO India's intervention in education has supported educators and education leaders to build a knowledge-sharing network which is evolving and helps in addressing the concerns and challenges, emphasising on competency-based experiential learning. The ECHO trainings focus on upskilling, motivation and mentorship of the educators to improve the learning outcomes and build a more inclusive culture in educational institutions. Furthermore, a focus on educational leadership and management helps foster innovation and further improve overall education outcomes for a vast majority of students, especially amongst underserved communities.

Early Childhood Care and Education (ECCE) is crucial for overall learning, development, and well-being. Interventions in these areas are pivotal to unlocking India's full potential for economic and social development through a stronger education system.

ECHO India collaborates with a wide spectrum of educational institutions, both public and private, to support educators across the country under various focus areas for K-12 to higher education. This diverse partnership ecosystem fosters a vibrant "All Teach All Learn" experience for all learners.

Our dedicated efforts align closely with the Sustainable Development Goals, with a strong focus on Quality Education and Building Partnerships.

Impact and Outreach

FY 2022-2023

10+ HUBS

150+ SESSIONS

5,800+ ATTENDANCES

Cumulative Data Since Inception

24+ HUBS

480+ SESSIONS

12,500+ ATTENDANCES

iECHO

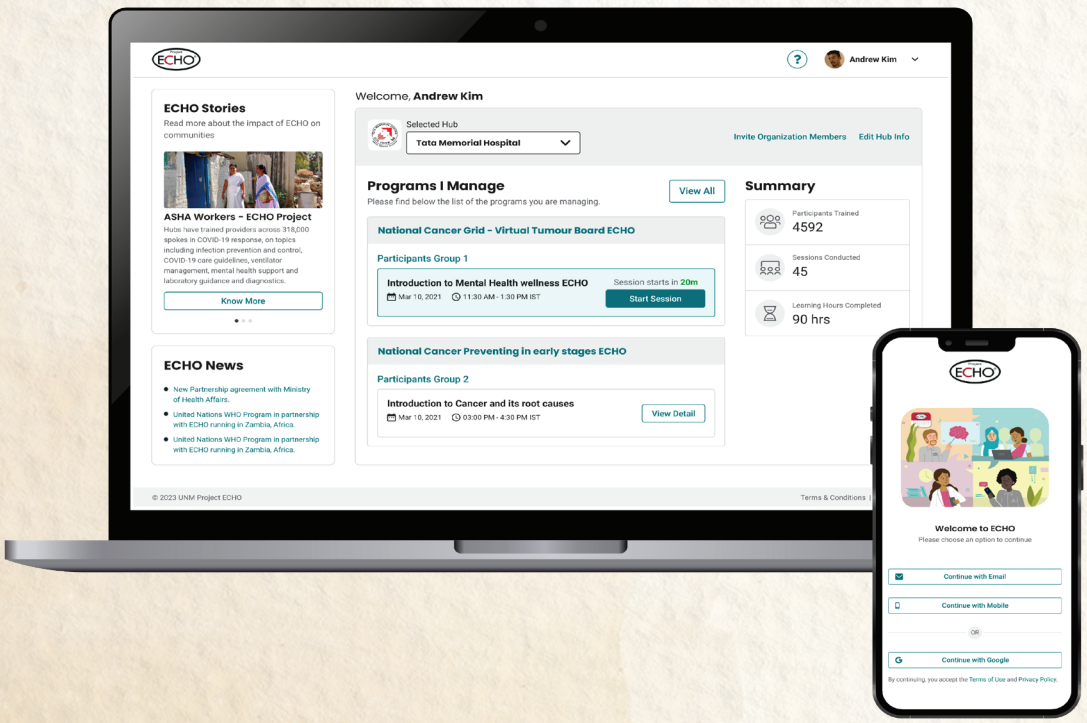
iECHO, an integrated technological infrastructure, is transforming the landscape of knowledge sharing and accessibility. With a visionary goal of positively influencing 1 billion lives by 2025, iECHO extends the reach and capabilities of the ECHO platform.

By providing a digital medium for exchanging knowledge and data, iECHO enhances the quality and precision of solving complex problems in healthcare. It streamlines the process of knowledge sharing, making it nearly automatic, while overcoming the limitations of manual processing.

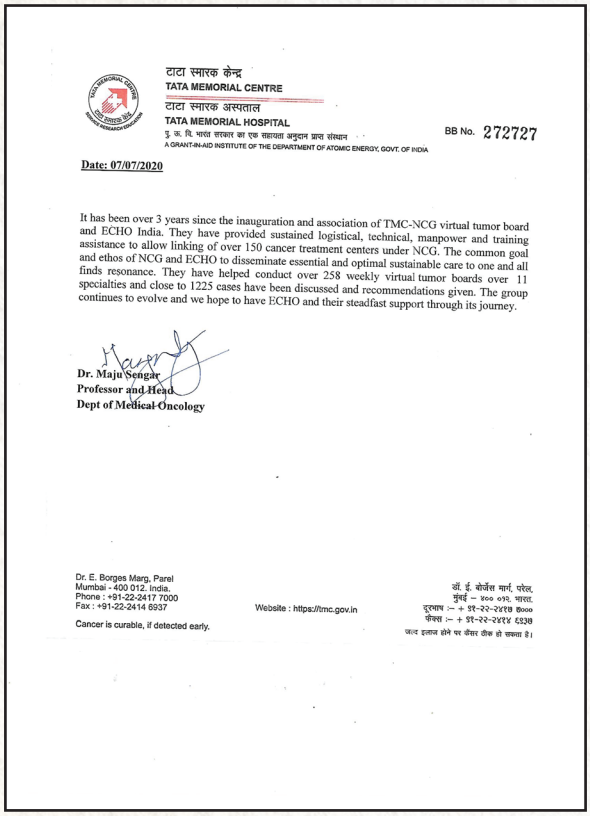
One of iECHO's key goals is to foster openness by allowing open registrations and making ECHO programmes public. It also expedites the adoption and launch of new ECHOs, offering a comprehensive solution for scheduling, managing, and starting programmes.

Real-time access to attendance and feedback reports increases productivity, while the platform enables hubs to invite participants and issue certificates, freeing up their time to focus on curriculum and programme quality.

iECHO serves as a shared digital infrastructure that supports the ECHO community, eliminating barriers to participation, amplifying impact, and enhancing the operational productivity of our partners. With iECHO, we are empowering a new era of knowledge exchange and building a dynamic ecosystem for collective learning and growth.



LETTERS OF COMMENDATION



टाटा स्मारक केन्द्र
TATA MEMORIAL CENTRE
टाटा स्मारक अस्पताल
TATA MEMORIAL HOSPITAL
भा. प. भारत सरकार का एक सहायता अनुदान प्राप्त संस्थान
A GRANT-IN-AID INSTITUTE OF THE DEPARTMENT OF ATOMIC ENERGY, GOVT. OF INDIA

BB No. 272727

Date: 07/07/2020

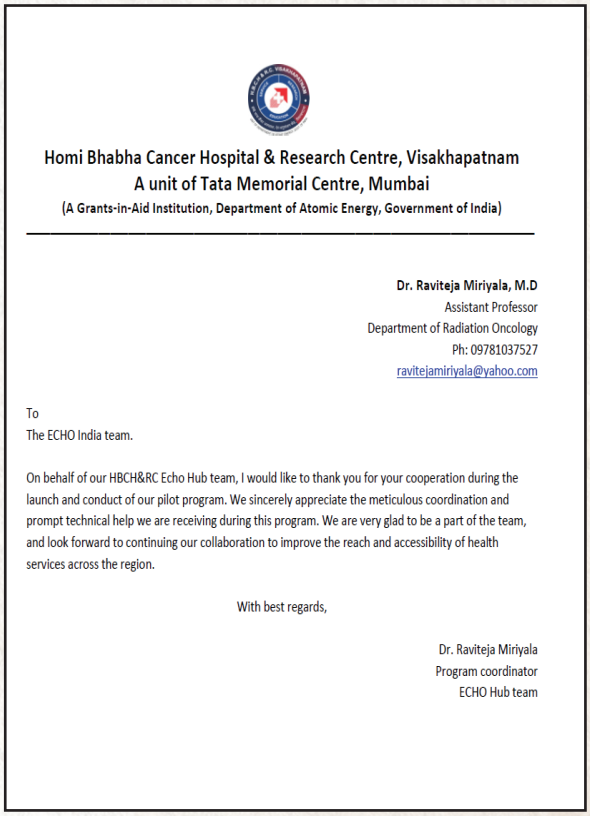
It has been over 3 years since the inauguration and association of TMC-NCG virtual tumor board and ECHO India. They have provided sustained logistical, technical, manpower and training assistance to allow linking of over 150 cancer treatment centers under NCG. The common goal and ethos of NCG and ECHO to disseminate essential and optimal sustainable care to one and all finds resonance. They have helped conduct over 258 weekly virtual tumor boards over 11 specialties and close to 1225 cases have been discussed and recommendations given. The group continues to evolve and we hope to have ECHO and their steadfast support through its journey.

Dr. Maju Sengar
Professor and Head
Dept of Medical Oncology

Dr. E. Borges Marg, Parel
Mumbai - 400 012. India.
Phone : +91-22-2417 7000
Fax : +91-22-2414 6937
Cancer is curable, if detected early.

Website : https://tmc.gov.in

डॉ. ई. बोर्जेस मार्ग, परेल,
मुंबई – ४०० ०१२. भारत.
दूरभाष :– + ९१-२२-२४१७ ७०००
फैक्स :– + ९१-२२-२४१४ ६९३७
जल्द इलाज होने पर कैंसर ठीक हो सकता है।



Homi Bhabha Cancer Hospital & Research Centre, Visakhapatnam
A unit of Tata Memorial Centre, Mumbai
(A Grants-in-Aid Institution, Department of Atomic Energy, Government of India)

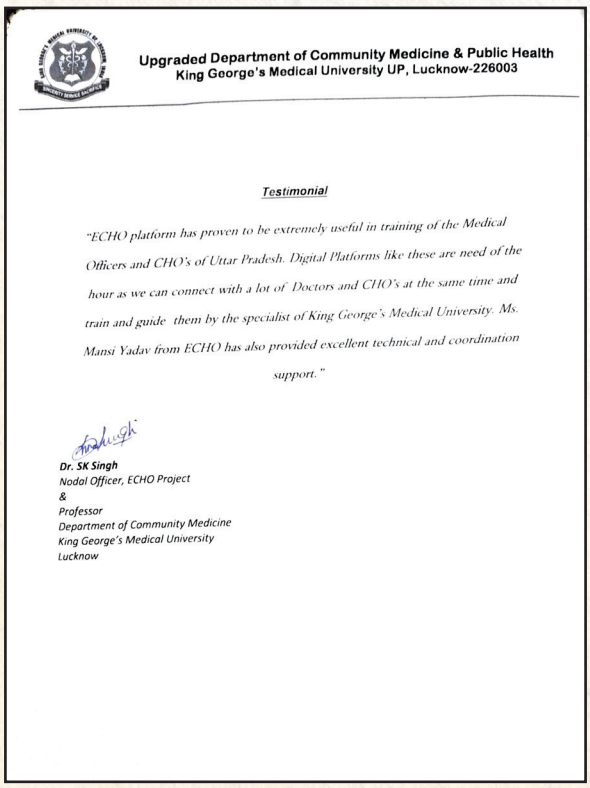
Dr. Raviteja Miriyala, M.D
Assistant Professor
Department of Radiation Oncology
Ph: 09781037527
ravitejamiriyala@yahoo.com

To
The ECHO India team.

On behalf of our HBCH&RC Echo Hub team, I would like to thank you for your cooperation during the launch and conduct of our pilot program. We sincerely appreciate the meticulous coordination and prompt technical help we are receiving during this program. We are very glad to be a part of the team, and look forward to continuing our collaboration to improve the reach and accessibility of health services across the region.

With best regards,

Dr. Raviteja Miriyala
Program coordinator
ECHO Hub team

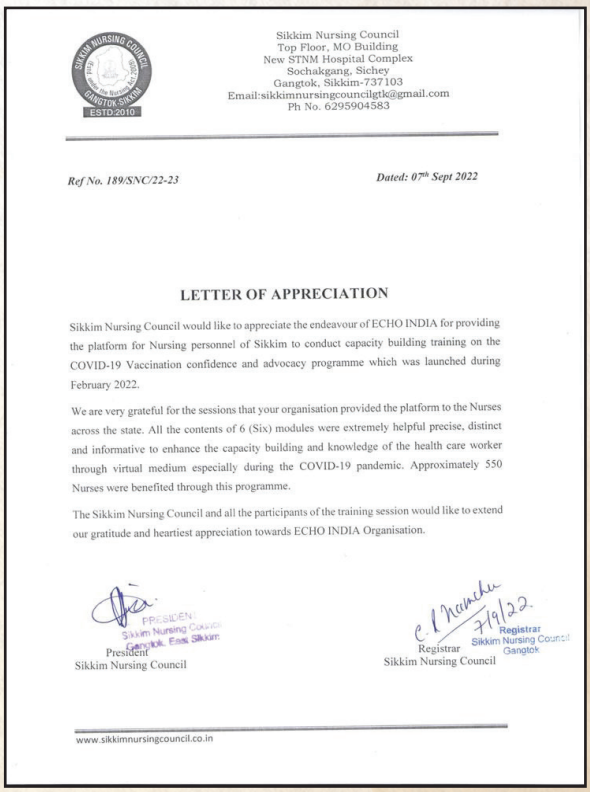


Upgraded Department of Community Medicine & Public Health
King George's Medical University UP, Lucknow-226003

Testimonial

"ECHO platform has proven to be extremely useful in training of the Medical Officers and CHO's of Uttar Pradesh. Digital Platforms like these are need of the hour as we can connect with a lot of Doctors and CHO's at the same time and train and guide them by the specialist of King George's Medical University. Ms. Mansi Yadav from ECHO has also provided excellent technical and coordination support."

Dr. SK Singh
Nodal Officer, ECHO Project
&
Professor
Department of Community Medicine
King George's Medical University
Lucknow



Sikkim Nursing Council
Top Floor, MO Building
New STNM Hospital Complex
Sochakgang, Sichey
Gangtok, Sikkim-737103
Email:sikkimnursingcouncilgtk@gmail.com
Ph No. 6295904583

Ref No. 189/SNC/22-23 *Dated: 07th Sept 2022*

LETTER OF APPRECIATION

Sikkim Nursing Council would like to appreciate the endeavour of ECHO INDIA for providing the platform for Nursing personnel of Sikkim to conduct capacity building training on the COVID-19 Vaccination confidence and advocacy programme which was launched during February 2022.

We are very grateful for the sessions that your organisation provided the platform to the Nurses across the state. All the contents of 6 (Six) modules were extremely helpful precise, distinct and informative to enhance the capacity building and knowledge of the health care worker through virtual medium especially during the COVID-19 pandemic. Approximately 550 Nurses were benefited through this programme.

The Sikkim Nursing Council and all the participants of the training session would like to extend our gratitude and heartiest appreciation towards ECHO INDIA Organisation.

President
Sikkim Nursing Council

Registrar
Sikkim Nursing Council

www.sikkimnursingcouncil.co.in

WORDS OF APPRECIATION

1

"Since the COVID-19 pandemic, I have attended a number of sessions and webinars on the ECHO platform, which is very user-friendly and unique. All sessions have been interactive and useful, it gauged my interest in the public health sector. The training changed my attitude toward patients and their treatment. ECHO platform is the best platform to learn new things through virtual mode. Within a span of a few minutes, the ECHO team is always ready to provide me with assistance in case of any troubles or queries. The ECHO model of case-based learning is a very effective model to learn new things. Now I can handle a difficult situation with full confidence. All the mentors explain everything in very simple language which helped me as an ANM."

- Geeta Rani, Auxiliary Nurse and Midwife (ANM)

2

"Our experience with ECHO India has been exceptionally positive. The entire process is executed with great efficiency and organization. The support we have received to establish our programme has been outstanding, allowing us to gain valuable knowledge on conducting online sessions within a short timeframe. We anticipate further improvement as we continue on this path. Despite the challenges posed by the pandemic, ECHO India has provided us with an excellent means of training our home-care teams through virtual sessions. The convenience of accessing the sessions via iECHO has proven to be beneficial, as we can track attendance in real time. The session format aligns perfectly with the needs of our teams and will undoubtedly enhance the level of care they provide to their patients."

- Dr Reena Sharma, MBBS, CCEPC, NFPM
MSc Palliative Medicine (Cardiff), Head Palliative Care Field Services, CanSupport

3

"For more than three years, the TMC-NCG virtual tumor board and ECHO India have been collaborating and working together. Throughout this time, they have provided consistent support in terms of logistics, technology, manpower, and training, enabling the connection of over 150 cancer treatment centers under NCG. Both NCG and ECHO share a common goal and ethos of providing essential and sustainable care to everyone, which resonates strongly. Together, they have successfully conducted over 250 weekly virtual tumor boards across 11 specialties, leading to the discussion of approximately 1225 cases and the provision of valuable recommendations. As the group continues to grow and evolve, it is our hope to maintain the unwavering support of ECHO throughout this journey."

- Dr. Manju Sengar, Professor and Head
Dept. of Medical Oncology, TMC Kolkata

4

"I would like to express our gratitude, on behalf of the ECHO Hub team at the Homi Bhabha Cancer Hospital and Research Centre, for your valuable cooperation throughout the initiation and implementation of our pilot programme. We deeply appreciate the meticulous coordination and prompt technical support that we have been receiving during this initiative. Being a part of this team has brought us great satisfaction, and we eagerly anticipate further collaboration to enhance the delivery and availability of healthcare services across the region."

- Dr. Raviteja Miriyala, Programme Coordinator

ECHO Hub team, Homi Bhabha Cancer Hospital & Research Centre

5

"The ECE Curriculum Enhancement ECHO sessions conducted by Muktangan in collaboration with ECHO India have greatly benefited us. The online format of these sessions has made it possible for us to attend them effectively. Living in a village with limited transportation facilities, it would be difficult for me to attend in-person sessions regularly. Therefore, the online sessions have been immensely helpful. The sessions have provided valuable insights on how to engage young children in various classroom activities. I have gained a deeper understanding of motor and language development in young children through these sessions. Additionally, I have learned strategies such as storytelling, games, fostering parent partnership, and honing facilitation skills. Each ECHO session involves the discussion of a case, which has helped me focus on important aspects such as a child's personality, the home environment, understanding their problems, and finding solutions. I extend my gratitude to the entire Muktangan Education Trust and the ECHO India team for providing us with such valuable training."

- Vaijayanti Savkar Patil

Facilitator at Govardhan Skill Centre, Dhusalpada Anganwadi Thane, Maharashtra

6

"ECHO India provided me with an incredible and enriching experience through its sessions. Throughout the programme, I acquired numerous new methods and techniques that I successfully implemented in my school. As a result of this programme, notable positive changes took place within our school community. Previously, we had a limited number of plants on our premises, but after participating in the programme, we were able to plant an impressive total of 150 new plants. Furthermore, every student began planting a new plant on their birthday, fostering a culture of environmental awareness and responsibility. Additionally, our students and teachers embraced the habit of drinking purified water, and we witnessed a significant reduction in food wastage. To further enhance sustainability, we established a kitchen garden within our school premises, providing fresh produce for our school's consumption. All these remarkable developments were made possible because of the invaluable impact of the ECHO programme."

- K.V. Shyamalatha, Biology Teacher, Z.P.H.S (Girls)

Narayanavanam, Tirupati, Andhra Pradesh

FINANCIAL HIGHLIGHTS

FY - 2022-2023

Information On Statutory Registrations

- Extension for Community Healthcare Outcomes (ECHO INDIA) is registered as a not-for-profit organization under the Indian Trusts Act, 1882 (Reg. No. 2647 dt. 10-07-2008).
- Extension for Community Healthcare Outcomes (ECHO INDIA) is registered under Section 12A/12AA of the Income Tax Act, 1961. (Reg. AAATE3125EE20214 dated 31-05-2021, valid from AY 2022-23 to AY 2026- 27)
- Extension for Community Healthcare Outcomes (ECHO INDIA) is registered under Section 80G of the Income Tax Act, 1961. (Reg. No. AAATE3125EF20214 dated 31-05-2021, valid from AY 2022-23 to AY 2026-27)
- Extension for Community Healthcare Outcomes (ECHO INDIA) is registered under Section 11(1) of the Foreign Contribution (Regulation) Act, 2010 (FCRA Reg. No. 231661661)
- Extension for Community Healthcare Outcomes (ECHO INDIA) is registered under CSR Provisions of the Companies Act, 2013, with registration number CSR00002612.

Information on Bankers & Auditors

Main Bankers

Canara Bank
No. 1, DDA Building,
Nehru Place, New Delhi - 110019

FCRA Bankers

State Bank of India
New Delhi Main Branch,
Parliament Street,
New Delhi - 110001

Auditors

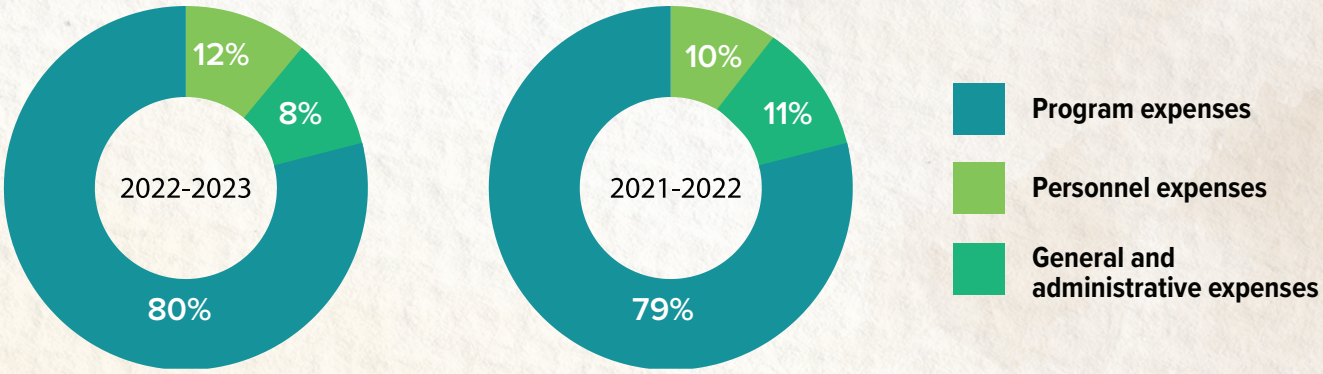
Walker Chandiok & Co LLP
21st floor, DLF Square,
Jacaranda Marg, DLF Phase II,
Gurugram, Haryana - 122002

Abridged Financials

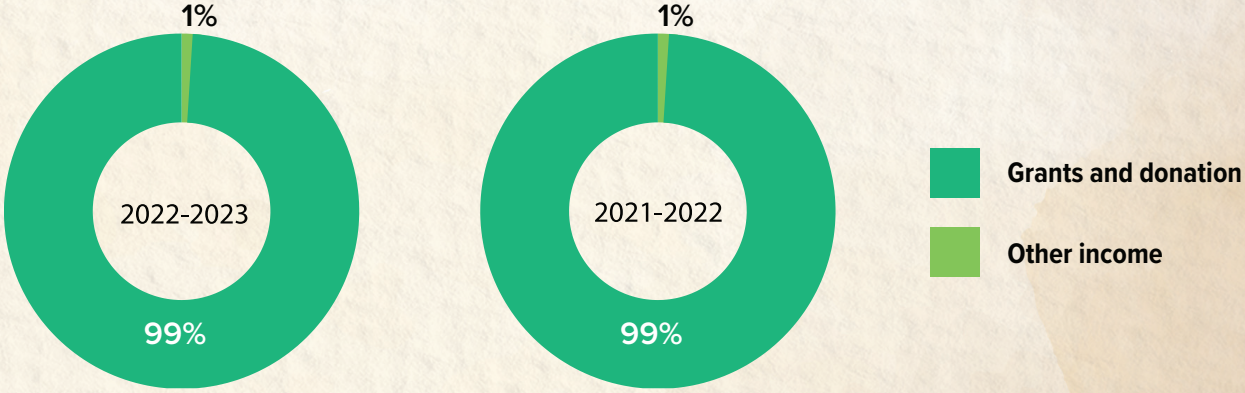
Abridged Income and Expenditure Statement (INR Lacs)		
	2022-2023	2021-2022
Total Income (a)	3,298	3,440
Total Expenditure (b)	3,247	3,005
Excess of Income Over Expenditure (a-b)	**51**	**435**

Abridged Balance Sheet (INR Lacs)		
	2022-2023	2021-2022
Fixed Assets (a)	289	529
Net Current Assets (Current Assets less Current Liabilities) (b)	1,639	1,647
Total Assets (a+b)	**1,928**	**2,176**
Trust Funds, Designated Funds, Provisions and Reserves	**1,928**	**2,176**

Abridged Financials – Expense Distribution



Abridged Financials – Income Streams



Source: Audited Financial Statements for the year ended 31st March 2023

ECHO INDIA

Address: Building No 232A, Ground &
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Estate, New Delhi, Delhi 110020

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