



# NEW HORIZONS

## December 2025



As 2025 draws to a close, we're excited to share highlights from quarter four, defined by innovation, recognition, and deeper outreach. Between October and December, Raised Lines Foundation expanded the boundaries of accessibility across public transport, classrooms, museums, and higher education spaces.

### National Recognition for Accessible Public Transport

The **OnBoard** (Dhwani Spandana) device played a crucial role in winning the **National Award for Excellence in Urban Transport – 2025**, presented by the Ministry of Housing & Urban Affairs, Government of India. Deployed in 200 Mysuru city buses, this innovative Bus Identification & Navigation System aids visually impaired commuters with audio-based route identification and smart alerts for boarding. Developed by IIT Delhi and supported by GIZ, it was implemented with SVYM and disseminated by the Raised Lines Foundation in partnership with Kritikal Solutions.



## **Touch Learn & Shine with Vision Aid**

### **Schools covered from October to December**

<b>Name of School</b>	<b>No. of Books Provided</b>	<b>No. of Students Trained</b>	<b>No. of Teachers Trained</b>
Shree Hanuman Prasad Poddar Andh Vidyalya, Durgakund, Varanasi, Uttar Pradesh	383	62	9
Drishteehan Kanya Vidyalaya, Dewas, Madhya Pradesh	167	35	16
NAB, Bhopal, Madhya Pradesh	145	28	3
NAB Late. Sou. Sushilabai Danchand Ghodawat Residential Blind School, Miraj, Sangli, Maharashtra	328	47	7
IEPVD Boys School Narsinghgarh, Agartala, Tripura	90	10	5
IEPVD Girls School, Narsinghgarh, Agartala, Tripura	93	10	6
Shri Navchetan Andhjan Mandal Divyang Vidhya Vihar, Kuchchh, Gujarat	140	25	60
Training session at National Blind Association (NAB), Haldwani, Uttarakhand	172	48	8
Donyi Polo School for the Blind, Itanagar, Arunachal Pradesh	96	7	7
<b>Total</b>	<b>1614</b>	<b>272</b>	<b>121</b>

Under our partnership with **Vision Aid**, we covered 9 more schools in this quarter to empower and support special schools for the blind across 7 states. During this quarter, **272** students and **121** teachers participated in hands-on training sessions, and **1,614** tactile books were distributed to strengthen accessible learning in science, geography, and mathematics. Across several Schools/institutions, the initiative was supported by Vision Empower professionals.

Online training sessions were also conducted in two schools—one in Gujarat and one in Arunachal Pradesh. Overall, this year, we successfully covered 22 schools, implementing the project quarter-wise. With all planned activities completed, the project has been successfully concluded, marking a significant step toward inclusive and accessible education.



Images of Training sessions from the schools covered in TLS Program

## Vision Aid-Feedback & Follow-Up Sessions

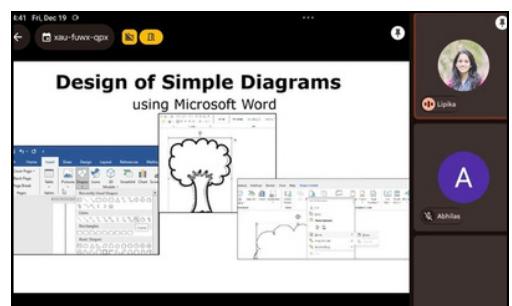
We also conducted follow-up trainings under this TLS project in which we did tactile book exploration activities involving students and educators. Training sessions were conducted across 4 schools across Chhattisgarh and 2 schools from Guwahati, Assam



Images of 2nd round Training sessions from Chhattisgarh & Guwahati

## Online Session on Accessible Strategies & Inclusive TLMs

Ms Lipika from RLF was invited as a speaker for the Online Faculty Development Programme on “Inclusive Higher Education: Bridging Policy, Law, and Practice” organized by MH-MMTTC, Hansraj College, University of Delhi. The programme focused on accessibility strategies and inclusive teaching-learning materials, aimed at strengthening institutional practices for supporting students with disabilities. A total of two online sessions were successfully conducted.

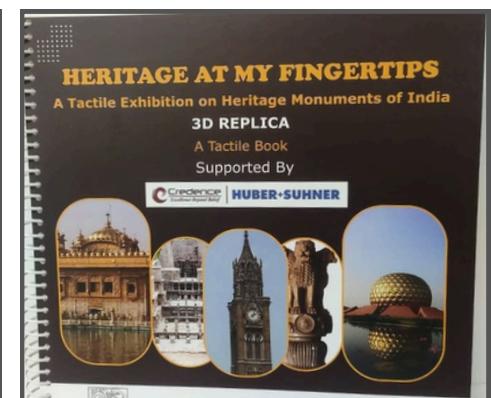
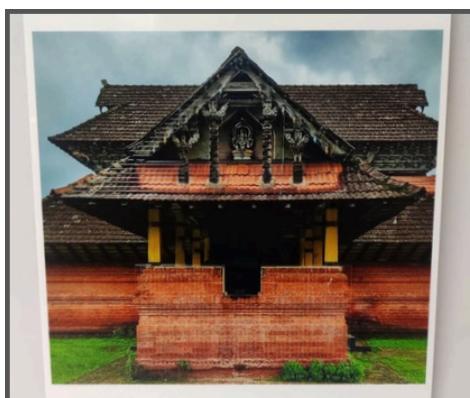


Screenshot from the online session

## Heritage at My Fingertips – Tactile Heritage Collection

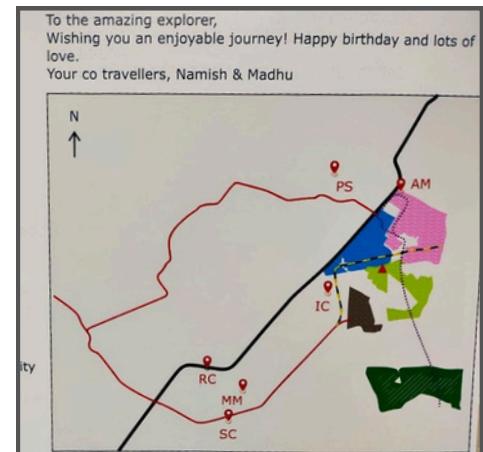
A comprehensive tactile heritage initiative featuring 2D thermoformed paintings, 3D tactile replicas, and UV-printed panels, collectively showcasing 19 Indian heritage monuments. Designed to make cultural heritage accessible through touch, the collection includes Braille and print descriptions that narrate historical, architectural, and cultural contexts. The 3D replicas enable deeper spatial understanding of iconic structures, while the UV-printed acrylic panels offer durable, exhibition-ready tactile artworks for museums and learning spaces.

Supported by: Huber & Suhner, Credence | For: National Museum, New Delhi



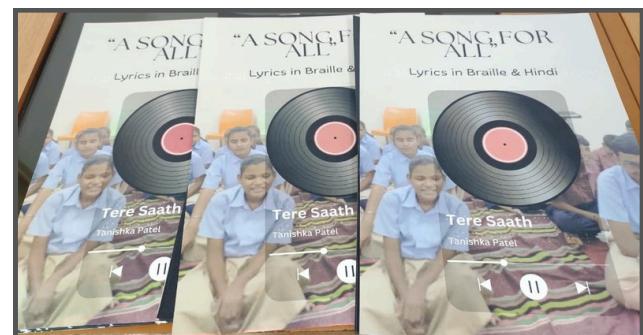
## Development of Tactile Navigation

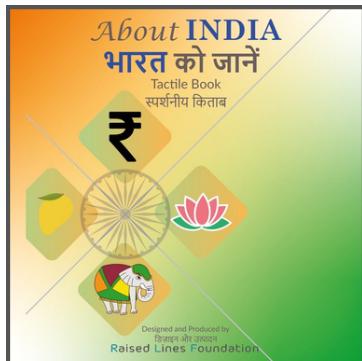
The Tactile Map of Gurugram was developed to support inclusive urban navigation for persons with visual impairment. Produced using UV printing technology in A3 size, the map highlights major roads, key landmarks, and spatial layouts through raised tactile elements and clear labelling. Designed for intuitive touch-based exploration, the map enables users to better understand city orientation, movement pathways, promoting independent navigation and spatial awareness.



## “A Song for All” – Lyrics in Braille & Hindi

A tactile lyrics booklet for the song “Tere Saath” by Tanishka Patel, produced in Braille and Hindi print. Designed to make music content accessible to visually impaired listeners and readers.





## Audio Integrated Learning Resources

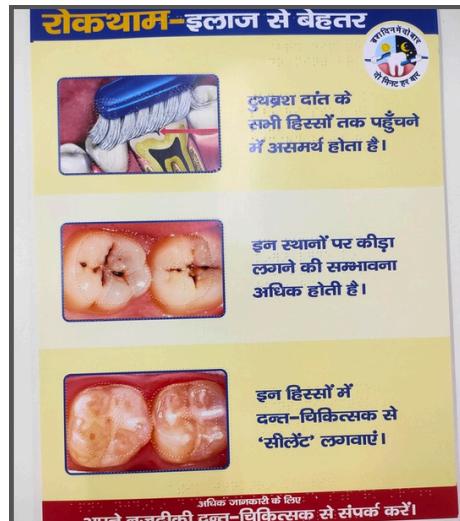
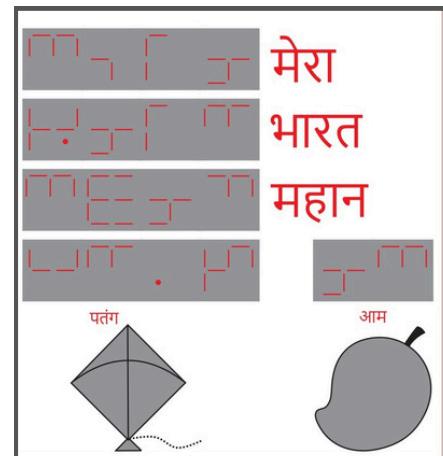
Three tactile books integrated with the IRIS audio system, allowing users to hear detailed audio descriptions by entering tactile IDs. Topics include About India, Around the World, and Incredible India, supporting multisensory learning.

Status: Currently in Designing Phase

## Sparsh Bharti

Bharati is being proposed as a common script for India, and hopes to bring down communication barriers in India. We transformed the font into a tactile writing system, enabling visually impaired learners to understand structured writing formats through touch. The Tactile format is being produced using thermoforming sheets for durability and clarity.

Status: Currently in production phase



## Dental Health Posters

Six A3-sized dental awareness posters were designed and produced using print and Braille embossing techniques. These posters will help visually impaired learners access oral health education through both visual and tactile information.

## Tactile Resource Exploration with Sightsavers

On 25th November, members from the Sightsavers organisation participated in a tactile resource exploration session, where they engaged and explored our tactile books and learning materials. The session was planned to introduce our tactile resources to their upcoming projects, where visually impaired students can explore tactile graphics and walk towards STEM education.



## Schools Covered in 2025

S.No	Name of the School	No. of Students	No. of books/ Kits Provided
1	Guwahati Blind School, Assam	49	221
2	Sreemanta Sankar Mission Blind High School, Assam	46	209
3	Vivekananda Mission Ashram, WB	107	504
4	Louis Braille Memorial School for the Sightless (VI), WB	60	276
5	Govt Residential School for the VH, AP	47	216
6	Model School for Visually Handicapped NIEPVD, UK	200	884
7	Saksham Divyang Awasi Vidyalaya, CG	25	118
8	NAB Raipur, Prerna Girls Hostel, CG	75	374
9	Gyaandep Sparsh Kanya Vidyala, CG	40	186
10	Nayandep Vidhyamandir, CG	20	83
11	Light House Blind School, WB	64	308
12	Calcutta Blind School, WB	56	259
13	Ramakrishna Vivekananda Mission School, WB	14	61
14	Donyi, Polo School for the Blind, AR	20	96
15	IEPVD Girls, TR	20	93
16	IEPVD Boys, TR	20	90
17	Divyang Vidhya Vihar, GJ	28	140
18	NAB Miraj, MH	71	327
19	NAB Haldwani, UK	42	204
20	Hanuman Prasad Poddar School, UP	80	383
21	MP Drishtiheen Kalyan Sangh School, MP	35	167
22	NAB Bhopal, MP	31	145
23	Louis Braille Drishtiheen Vikas Sansthan, RJ	29	135
<b>Total</b>		<b>1179</b>	<b>5497</b>

A very special start to the year  
from all of us at RLF



## Raised Lines Foundation (RLF)

RLF is a not for profit startup from IIT Delhi with the sole mission of empowering persons with visual impairment and enabling them to pursue subjects and careers of their choice.

### What we do - Support education and independent mobility

- Design & produce **tactile books** covering all children's books to curriculum books.
- Convert handwritten, printed & digital **documents into accessible formats**.
- Manufacture **teaching-learning aids** & **educational accessible games**.
- Conduct **teacher training & student training programs** on the use of tactile learning aids.
- Special focus on content related to **STEM education**
- **OnBoard** - independent bus boarding solution for the visually impaired.

### Connect with Us

If you know any person with visual impairment, or an organisation or school  
who may benefit from our solutions

or

If you want to support persons with visual impairment,  
please connect with us:

**rlf@raisedlines.org   +91-8929669336   www.raisedlines.org**

### To donate for our cause

