

# A magical talking table lamp and other products

Ashok Pandey

ashokpa@cybermedia.co.in



Trestle Labs team

Kibo makes education and employment opportunities accessible to the visually impaired like never before

**T**restle Labs, an Indian startup, is revolutionizing accessibility for the visually impaired with their suite of innovative products. Their mobile app - Kibo: Accessibility for all, Kibo XS hardware device, and Kibo Desk web software enable users to access and convert printed and digital content in over 60 languages.

After extensive research and testing, Kibo officially launched in 2019 has been widely adopted by institutions, including their first customer, IIM Ahmedabad. With features like listen, translate, digitize, and audio'tize, Kibo is making education and employment opportunities accessible to the visually impaired individuals.



## ▼ Kibo XS: A magical talking table lamp for the visually impaired

Kibo, the talking table lamp for the visually impaired, has made a significant impact in



India. Designed with simplicity in mind, the lamp is easy to use and accurately reads text in over 60 languages. Kibo's user-friendly experience and incremental innovation have made it a valuable tool for language learning, education, and employment. What makes Kibo unique is its ability to serve not only the visually impaired community but also people from vernacular or regional language backgrounds and rural communities.

## ▼ The All-in-One Scanning Solution

Kibo simplifies content management with its all-in-one scanning solution. Whether using the mobile app for lifestyle needs or the XS device and desk for efficient scanning of voluminous content, Kibo offers accuracy and speed. Its focus on education and employment use cases makes it an ideal solution for visually impaired professionals and students preparing for exams. With Kibo, users can easily digitize content and make it



accessible to all.

## ▼ OCR Accuracy

Kibo is revolutionizing the digitization of old content in the digital age. This hardware piece captures entire pages as images with high accuracy rates for printed and handwritten content. Kibo performs character, word, sentence, and page level testing to ensure accuracy and handles different font sizes and backgrounds. It is browser-based, with options for local download or cloud storage, providing unlimited storage and multi-device access. Kibo is useful for competitive exam preparation and accessing digitized old magazines and documents. With Kibo, accessing knowledge from the past is all the more easier.

## ▼ Making Content Accessible Through Innovation

Trestle Labs' Kibo has formed strategic partnerships with various organizations to achieve their mission. They've partnered with digital content providers like *Sugamya Pustakalaya* and Bookshare to make structured content available to their users in different formats, such as audio, in real time. Kibo also aims to partner with more publishers to expand their library of content. The startup has also partnered with government initiatives, rural development departments, and public libraries to reach more people and make a positive difference in their lives.

Kibo acknowledges that partnerships are crucial for their growth and impact, and they are grateful to organizations like ATF that stand at the intersection of technology and partnerships, helping them build these collaborations more smoothly.

Kibo is also seeking partnerships with CSR initiatives to scale their impact in different cities, states, and districts. Finally, Kibo has international distributors in countries like Kenya, Ghana, and the US, and they are strengthening these partnerships to expand their impact globally. These collaborations are essential to Kibo's growth and impact, and the startup is committed to continuing their efforts to empower people with disabilities through technology and partnerships. ■