





Torchit is an Indian enterprise working towards the **inclusion & empowerment of our People with Disabilities (PwDs)** by developing and partnering for **effective & affordable Assistive Solutions** which lead them more **independent & fulfilled lives.**



National Award from HE President of India



Innovation Award from HE Governor of Gujarat



# EXECUTIVE SUMMARY



Torchit at **Sony Shark Tank India**



Your Story **TECH 30 Startup in 2019**

<b>Lives Impacted:</b>	<b><u>150,000+</u></b> (by providing assistive aids)
<b>Revenue:</b>	<b><u>USD 1,890,000</u></b> (USD 710,000 last year 2022-23)
<b>Partners:</b>	300+ NGOs, 70+ Corporates, Facebook, World Bank, MIT, Tata Trust
<b>Funding:</b>	<b><u>USD 600,000</u></b> with a blend of investments & grants
<b>Founded:</b>	<b><u>Oct 2017</u></b>
<b>Outreach:</b>	<b><u>40+ Countries</u></b>
<b>Team:</b>	<b><u>20+ Rockstars</u></b>
<b>Intellectual-Property:</b>	<b><u>7+</u></b>
<b>Certificates:</b>	<b><u>ISO 9001:2015, CE, EMC/EMI, CISPR, EQDC Lab Reports</u></b>



# CHALLENGES

Dependent, Excluded, Un-employability of a potential resource

## Dependence

**Over a billion** individuals with disabilities face challenges in achieving daily independence due to visual, mobility, or communication impairments.



## Lack of Inclusion

Due to **non-availability of affordable & accurate assistive solutions**, they are **excluded from School, Universities, & even at fair employment opportunities**.



## Un-Employability

It **difficult for them to pursue education, training, and employment**, forcing them to remain liability on their family & even on the Society.



## A Major Liability

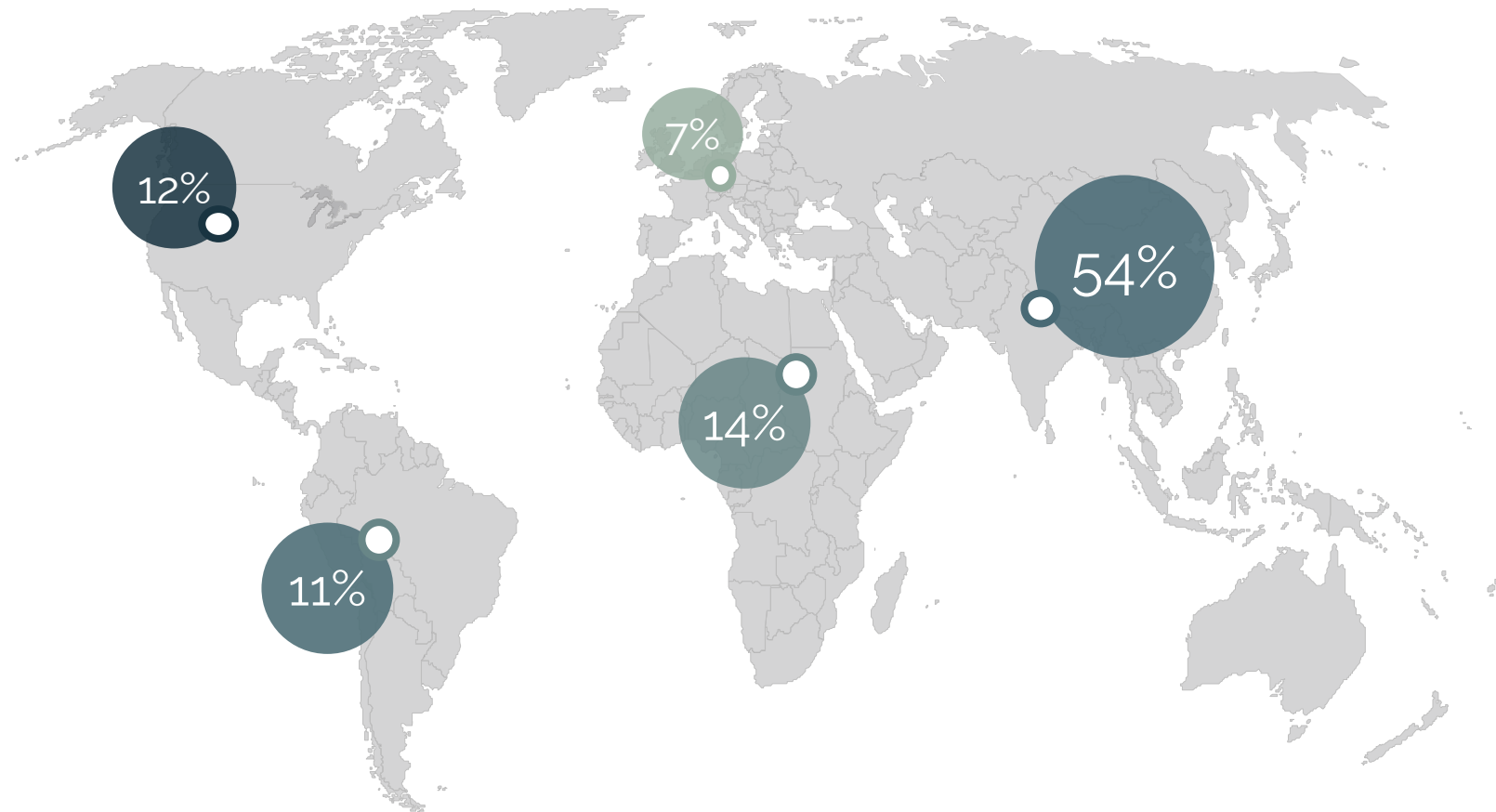
Most of them **come from low-income households (~90%)** causing them to be a major liability on their families.





# MARKET

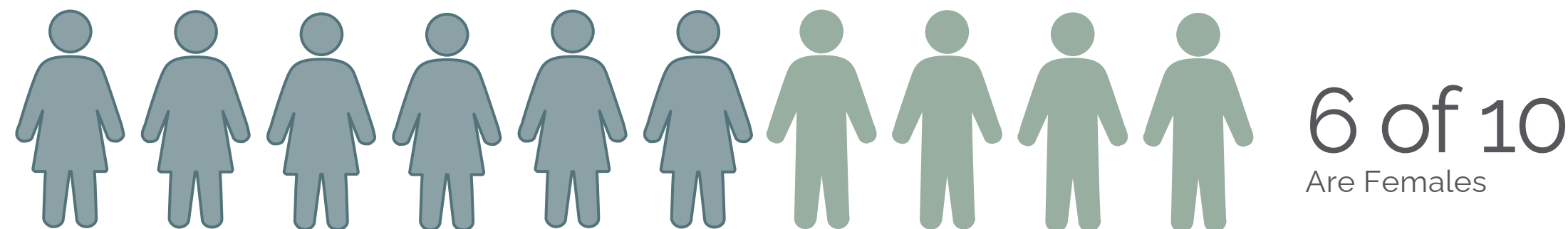
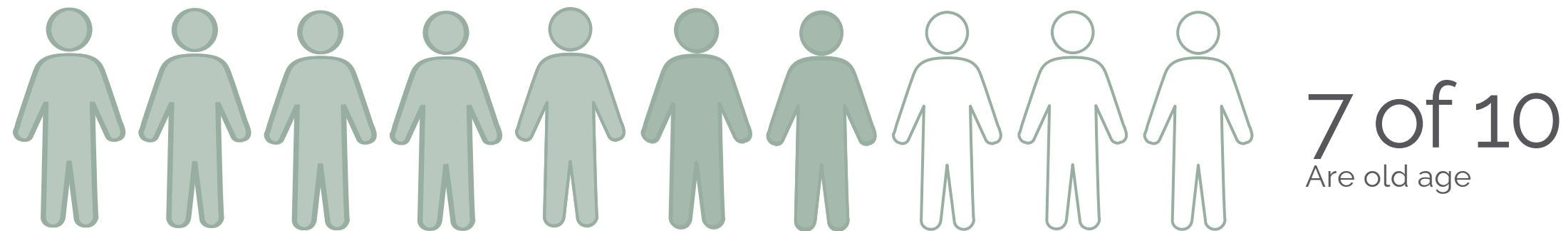
Over a 1 billion PwD need 2 billion Assistive Solution - WHO



- 80% from Developing countries
- 92% Lower middle-income group
- 73% are dependent or unemployed

253 Mn Visually Impaired | 230 Mn Hearing Impaired  
358 Mn Physically Handicapped &  
140 Mn Other disabilities

**In India alone : 150+ Mn People are suffering  
from some kind of other Disability**





# SOLUTION

Bringing confidence in their life

## Innovation



Torchit is dedicated to creating innovative & affordable assistive solutions for PwD (People with disabilities).

With our range of products such as **Saarthi, White canes, Jyoti-AI Smart Glasses, ABLE kit, VOIS, LV Kit, Games and more**, we strive to make life easier and more independent for those facing visual, mobility, hearing or communication impairments.

## Market Place



Enablemart is a marketplace for all assistive solutions, 400+ products and a range of services.

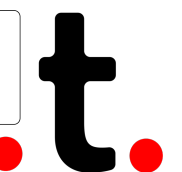
Our platform **will also offer information on NGOs, schemes, policies, tourism & employment opportunities, all in one place.** With our commitment to delivering high-quality products and services, we are the ultimate destination for those seeking to improve their independence and quality of life.

## Empowerment



Torchit Foundation, Our mission is to enable abilities by providing training, resources, support, & employment opportunities for PwDs to gain the skills they need to succeed.

Through our programs and services, we are committed to **promoting diversity, equity, and accessibility, and to ensuring that everyone has the chance to reach their full potential.**





# OUTCOME

Inclusion. Enablement. Upliftment.

## Innovation



## More Inclusion

Especially for people with disabilities (PwD), inclusion is essential. Saarthi, Jyoti, and Desky are revolutionizing inclusion.

- Education
  - **Accessible Learning Materials**
  - **Inclusive Classrooms**
- Healthcare
- Sports and Recreation
- Transportation
- Etc...

## Market Place



## More Enabling

Enabling individuals to reach their full potential is paramount.

- Assistive Daily Living Aids
- Assistive Technology
- Education
  - Braille, Tactile, Audio, Etc..
- Accessible Environment
- Inclusive Games
- Assistive Mobility Solutions
- Speech and Hearing Solutions
- Etc..

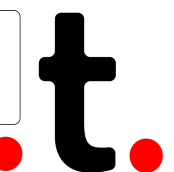
## Empowerment



## More Upliftment

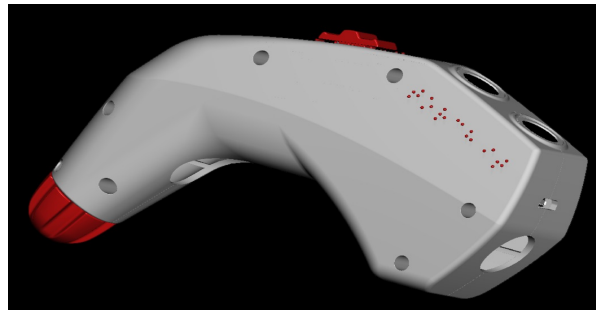
Empowering individuals to unleash their full potential is of utmost importance today.

- Skill Development
- Policy Advocacy
- Community Support
- Entrepreneurship Support
- Social Awareness





# Saarthi



Saarthi offers **99.7% Obstacle Detection Accuracy in all possible scenarios**. The product has been designed keeping in mind to **keep the user comfortable in long hours of usage**. One charge lasts for 30 days.



Our smart gloves help the deaf & mute **communicate with anyone & everyone** with complete ease without any sign language.

## VOIS- Smart Gloves

# ABLE Kit



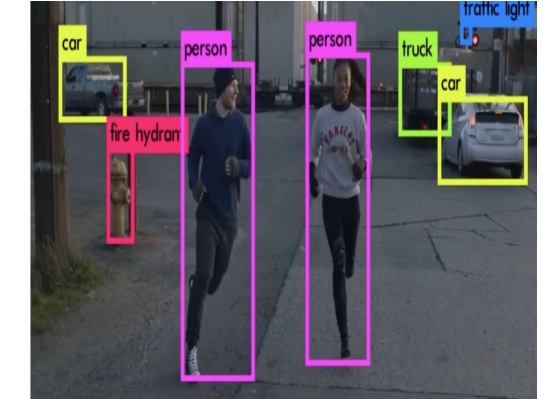
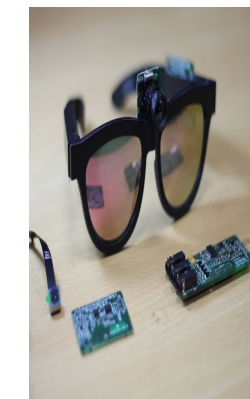
The ABLE Kit' is a game changer in the life of the visually impaired individual, empowering him to be effectively included in the mainstream society and become a 'Nation Builder' by undergoing meaningful education and gaining employment suited to his potential.



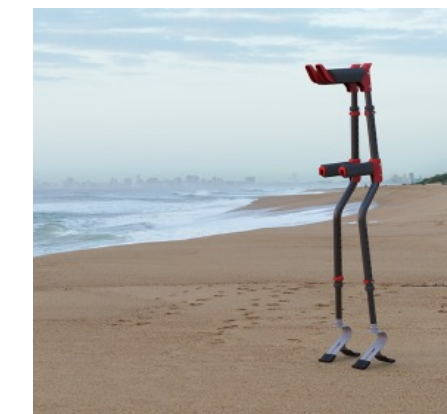
Jyoti: Multilingual OCR with **seamless connectivity, offline capability, and user-friendly design**, making accessibility effortless for all.

## JYOTI.AI - Read

# JYOTI.AI - Glasses



Using **IoT, AI, and Cloud Infrastructure**, The smart device captures the image using in-built camera which is then deconstructed and processed using on-board specialized low power processor tailored for computer vision and deep learning.



Our smart crutches enhance the mobility of the users by **enhanced stability, grip and less fatigue** while walking and **designed for all-terrain** performance and tested at AIIMS Delhi

## Smart Crutches .t.



# Saarthi

## Accuracy

Saarthi offers **99.7% Obstacle Detection Accuracy**.

## Affordability

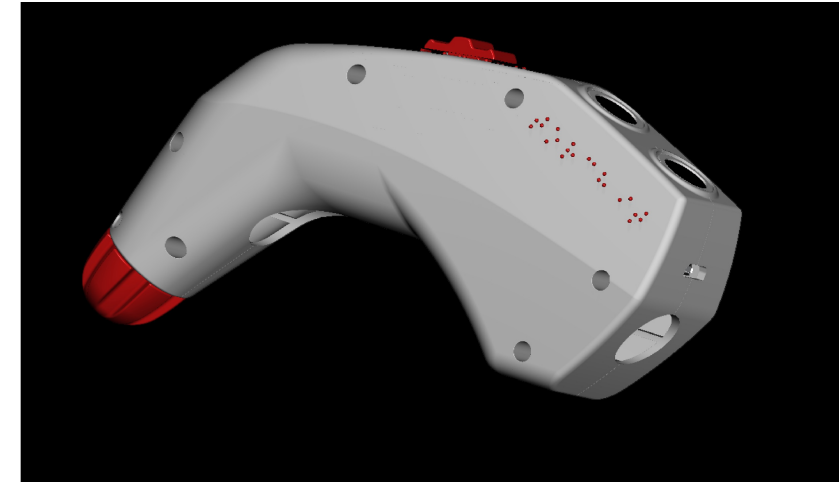
The product has been **priced affordable thereby making it most affordable** for even a blind person.

## 3 Operation Ranges

Saarthi accurate obstacle detection in **3-ranges** being **Indoors (2 feet), Outdoors (4 feet) & Open Areas (8 feet)**.

## Ergonomic & Battery Efficient

The product has been designed keeping in mind to **keep the user comfortable in long hours of usage**. One charge lasts for 30 days.

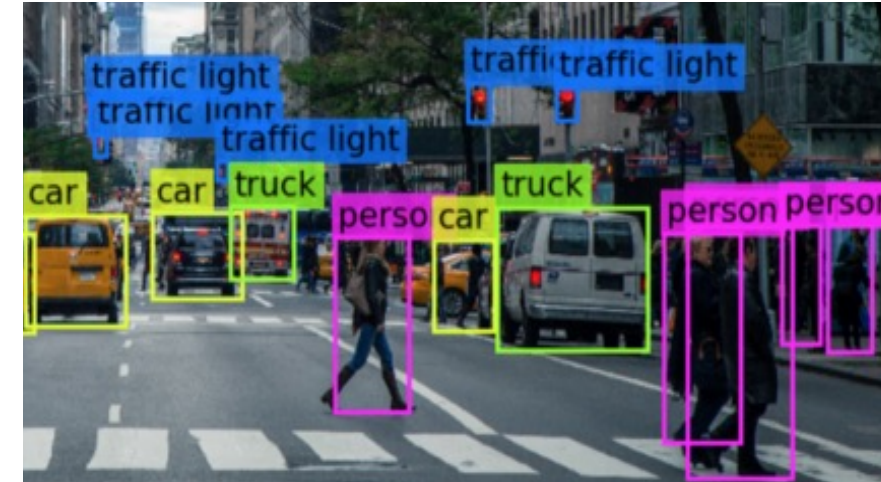




# Jyoti.AI Glasses

## High Object Recognition

Jyoti **excels in accurately** identifying obstacles.



## Smart Read with Multilingual OCR

Jyoti features an intelligent Optical Character Recognition system that supports multiple languages.

## Currency & Color Recognition

Jyoti seamlessly recognizes currencies and distinguishes colors.

## Literacy-independent & Ergonomic

Jyoti's design is literacy-independent and highly ergonomic, ensuring accessibility for all.





# Jyoti.AI Reader

## Smart Read with Multilingual OCR

Jyoti features an intelligent Optical Character Recognition system that supports multiple languages.

## Connectivity

Compatible with smartphones & computers

## Offline Capability:

Works with or without an internet connection.

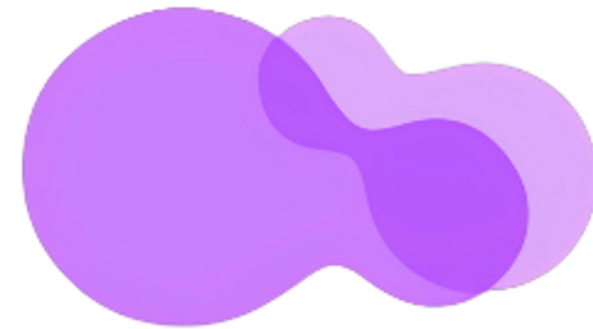
## Light Weight, LED Light & Ergonomic

1.2 kilograms, making it lightweight and easy to carry. Well-illuminated text for improved readability





All in One Hub of Assistive Solutions



enablemart

Most Advanced and compressive list of Assistive Solutions (More then 500+)

### **For Visually Impaired**

- 10+ Talking Solutions
- 30+ Braille Solutions
- 30+ Tactile Books
- 20+ ADL Solutions
- 40+ Inclusive Games

### **For Low Vision**

- 20+ Magnifiers
- 20+ Reading & LV Glasses
- 10+ Writing Guides

### **For Mobility Support**

- Crutches, Walkers
- Varieties of Wheelchairs
- Accessible Environment

### **For Speech Impaired**

- Speaking Solutions
- Speech training Aids

### **For Hearing Impaired**

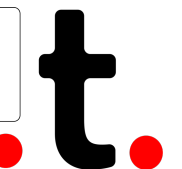
- 10+ Types of Hearing Aids
- Hard of Hearing Solutions

### **For Children w SN**

- 30+ Innovative Aids
- 10+ Kits
- 30+ Education Aids
- 30+ Learning Games
- 40+ OT Solutions

### **For Muscular dystrophy**

- Daily Living Solutions
- Kitchen, Bathroom Aids
- 10+ Rehab Games





# USPs

## Our Commitments



**Innovation:** We are dedicated to creating innovative and cutting-edge assistive technology.



**Affordability:** Our products are designed to be cost-effective, making AT accessible to a wider audience.



**Impact:** Torchit has a track record of positively impacting the lives of thousands of individuals.



**Quality & Reliability:** We prioritizes quality & reliability, ensuring they meet the highest standards of performance



**Inclusivity:** We are committed to fostering inclusivity by creating solutions that empower to lead more independent lives.



**Awards & Recognition:** Torchit has received numerous national and international awards for the field of assistive technology.



**User-Centric Design:** Torchit's products are designed with a user-centric approach, focusing on the specific needs.

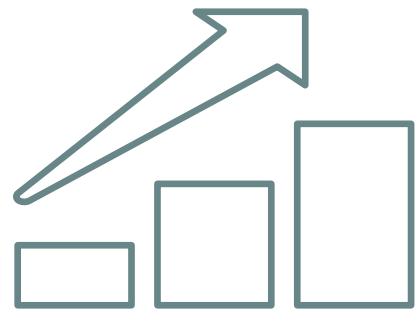
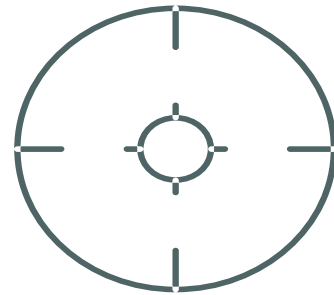


**Impactful Partnerships:** Torchit collaborates with organizations, institutions, and corporates to create difference in the lives.



# OUR PHILOSOPHY

Most Innovative, Accurate and Affordable assistive solutions



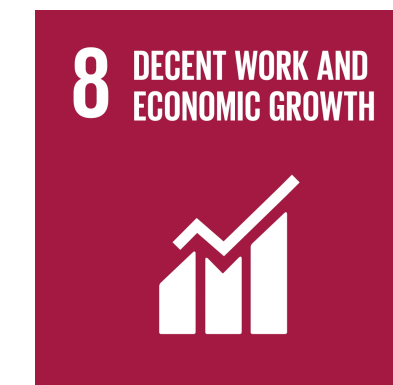
- We align with UN 4 SDGs.
- **Inclusion** by providing them a holistic solution to their **Mobility, Communication & Education** centric concerns.
- Fair **Opportunities in Education, Employment, Etc.**
- **Making accessibility - affordable** for each & every one
- Shape the **Purple Economy**



3.8;



4.5, 4.a;



8.5;



10.2



## THE IMPACT

**10+** Blind employees for Marketing, Sales  
**500+** Visually Impaired Trainers Associated  
**9,500+** Differently Abled Friends Employed  
**1,50,000+** Specially Abled Friends Uplifted  
**6,00,000+** Lives Impacted Directly



TorchIt is the world's only company *"By the PwDs, For the PwDs & To the PwDs"* i.e. all our product assembly and operations including training is led by Peoples with Disabilities from understanding the need & providing feedback on developed products to assembling of the devices to training being provided to the new users.

Our motto is to not only empower the Differently Abled community through the devices but also make efforts to have a framework where they can find employment to build sustainability in their lives financially as well.



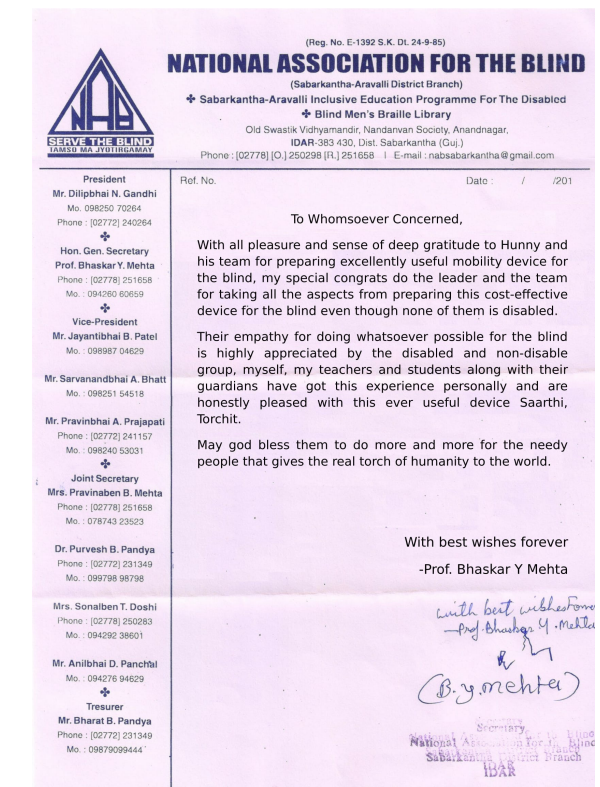
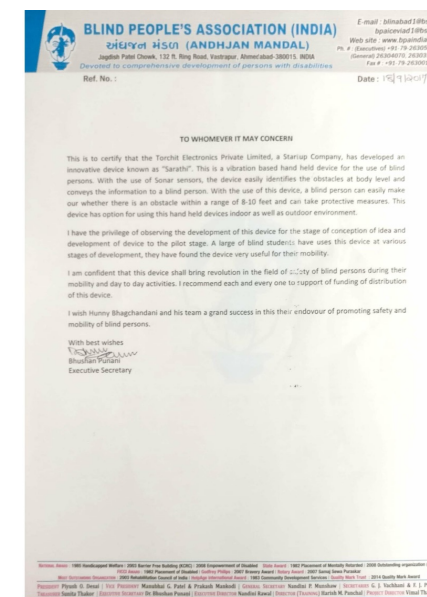
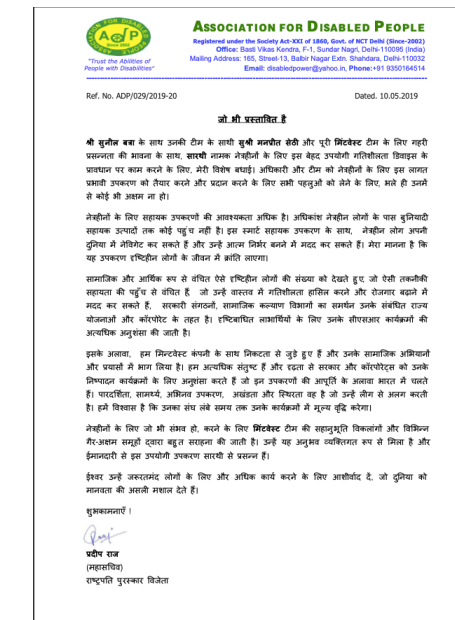
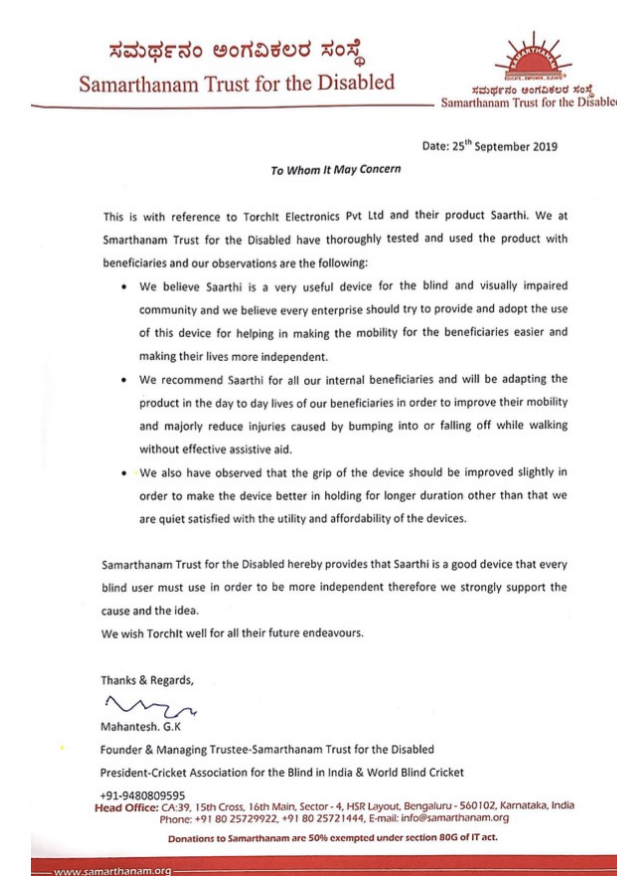


# PARTNERS

300+ NGOs, 70+ Corporates, Facebook, World Bank, MIT, Tata Trust

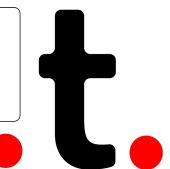
## Clients/ Industry Partners

## Recommendation Letters



& Many More

& Many More





# ACCOLADES

We won more than 50+ national and International awards, Some of them are

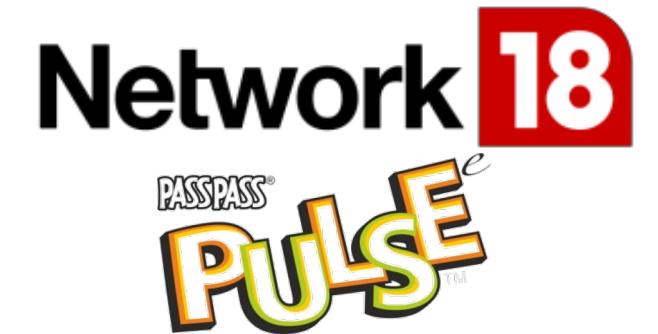


**DREAM**  
STARTUP INDIA

Top 5 Promising Startups



Awarded INR 1 cr. for expansion in African Market



Amongst Top 6 Startups



IIGP 2.0 winners



Amongst YS Tech30, 2019



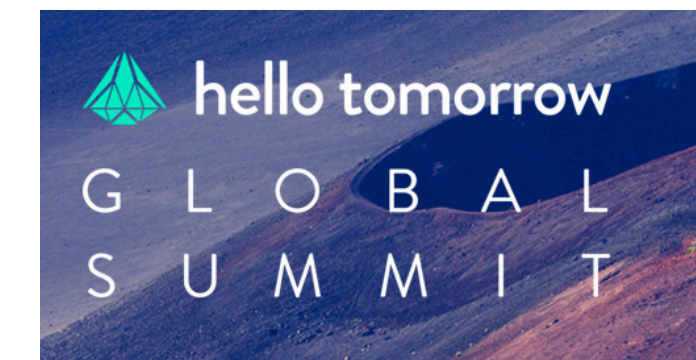
TorchIt has been facilitated with more than 40 international and national awards for 'Saarthi'



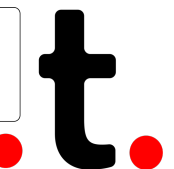
TOP 50 Disruptive startups of India in 2019



Amongst Top 10 Innovative Startups



Amongst Top 7 Startups Globally

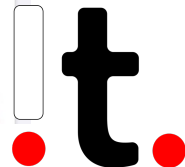
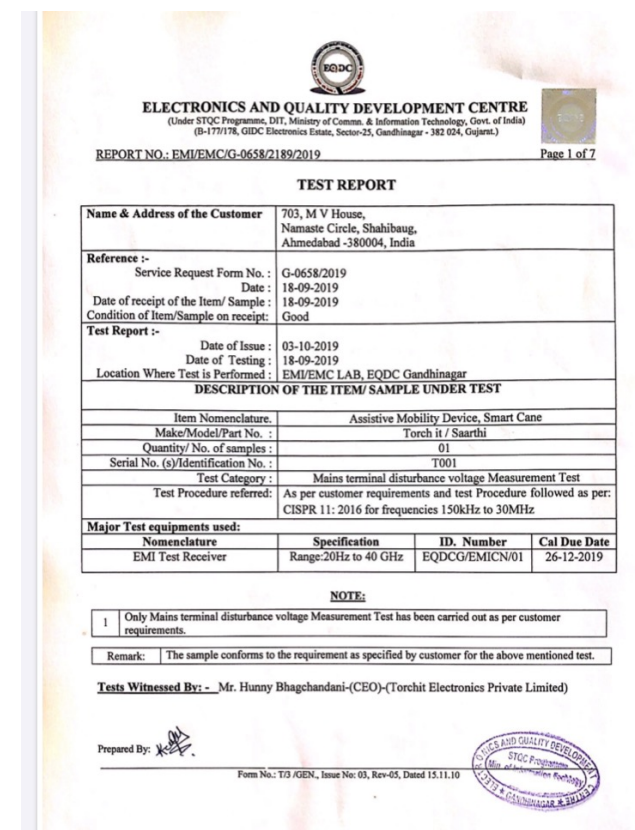




## TEST REPORTS:



1. 201721003827
2. 201841018407
3. 202321076982
4. 003656107-14-11
5. 003656108-14-11
6. 4364510 - TRADEMARK
7. 4364509 - TRADEMARK



# REVENUE MODEL

We are SOCIAL - Tech company having VISION to make this world accessible for all



## FORECAST 2023

TO UPLIFT AND EMPOWER MORE THEN 60,000 PEOPLE, & REVENUE OF USD 1,500,000



# GROWTH PLAN

Torchit has impacted 100,000+ PwDs in last 4 years of time span, now on the path to Impact 1,000,000 in next 4 years.

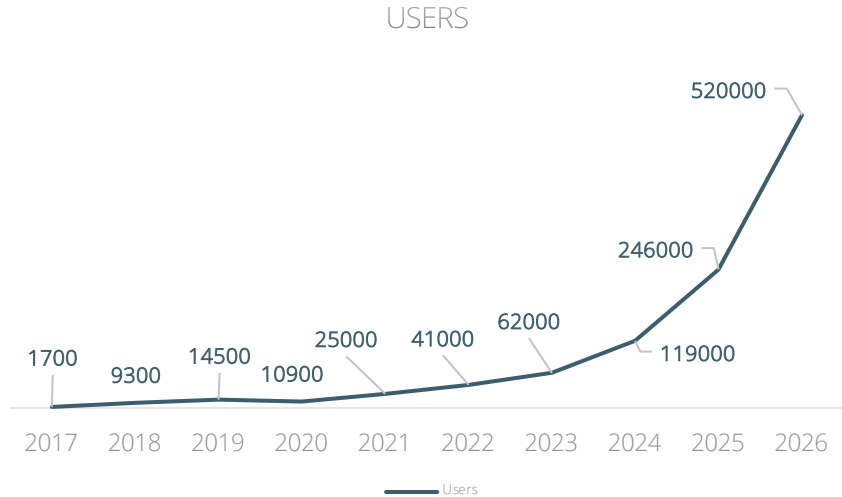
Lives Impacted: 100,000+  
NGO Partners & Resellers: 500+

Torchit NGO Partners in 2022



Lives Impact: 1,000,000+  
NGO Partners & Resellers: 5000+

Torchit NGO Partners in 2026



Year: 2022

Year: 2026



## TORCHIT FAMILY

Our team is a blend of Seasoned Professionals & Young Talent both immensely connected to the cause and what creates a differentiating factor for our team is the great bonding & grit we display amongst ourselves





# Have a Colorful Day

We at Torchit, always believed the **PwD community is a great asset to society** if harnessed in the right manner; Like many of you might be **wearing spectacles for your vision correction, they need assistive aids for making their lives simpler.**

We need your support on our journey to bring more power to the lives;  
**Join us on our journey and me, my team and our community shall always be grateful for your contribution.**

Thanking You, Hunny Bhagchandani