ANNUAL REPORT 2020-21

Tattva Foundation

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ABOUT US

Tattva Foundation is a Lucknow-based innovation-driven ICT4D research and development organization, which works at the intersection of communities, governance, and technology. Tattva envisions an equitable society where everyone has access to affordable and quality healthcare nearest to their home. Tattva is a scale-up expert which has designed, developed, and scaled up multiple pioneering digital health interventions developed using persuasive technologies and human-centred design science research approaches. Tattva's solutions have to date reached about 90000 direct beneficiaries, primarily frontline workers, impacting an 80-million population. Tattva Foundation works in multiple domains under the Sustainable Development Goals (SDG), specifically health, nutrition, livelihood, and environment.

The core offerings of the organization are:

- Design, develop, and operationalize integrated, open architecture, and ABDM-compliant Information communication and technology products such as e/mHealth tools, hospital management information system, labour room MIS, Enterprise Resource Planning IS, etc.
- Conduct public health research in the areas of maternal and neonatal child health, immunization, nutrition, health system studies, including supply chain.
- Design and develop data science solutions also using ML/AI for predictive analysis in the area of public health, education, poverty and livelihood and other domains.

OUR APPROACH

- **Empowering Communities through Technology**- We equip marginalized communities with digital skills, access to e-governance, and community-driven ICT tools to support socio-economic development.
- **Strengthening Governance with ICT**- Partnering with government bodies, we develop digital platforms that enhance transparency, efficiency, and citizen participation in public services.
- **Innovating with Open-Source Tech**- We create open-source solutions—from mobile apps to AI and IoT tools—that address development challenges in health, education, and agriculture.
- **Research & Advocacy**- Our research informs ICT4D policy and practice, promoting digital inclusion and evidence-based development strategies.
- **Collaborative Impact**- Through partnerships across sectors, we build ecosystems that drive sustainable, inclusive growth.
- **Scaling What Works**- We specialize in scaling proven ICT4D innovations to create lasting, large-scale impact.

MISSION, VISION AND VALUES

Vision:

Tattva envisions a world where everyone has equitable access to affordable, high-quality healthcare, creativity-igniting education, and sustainable livelihoods within their communities leading to improved quality of life for all.
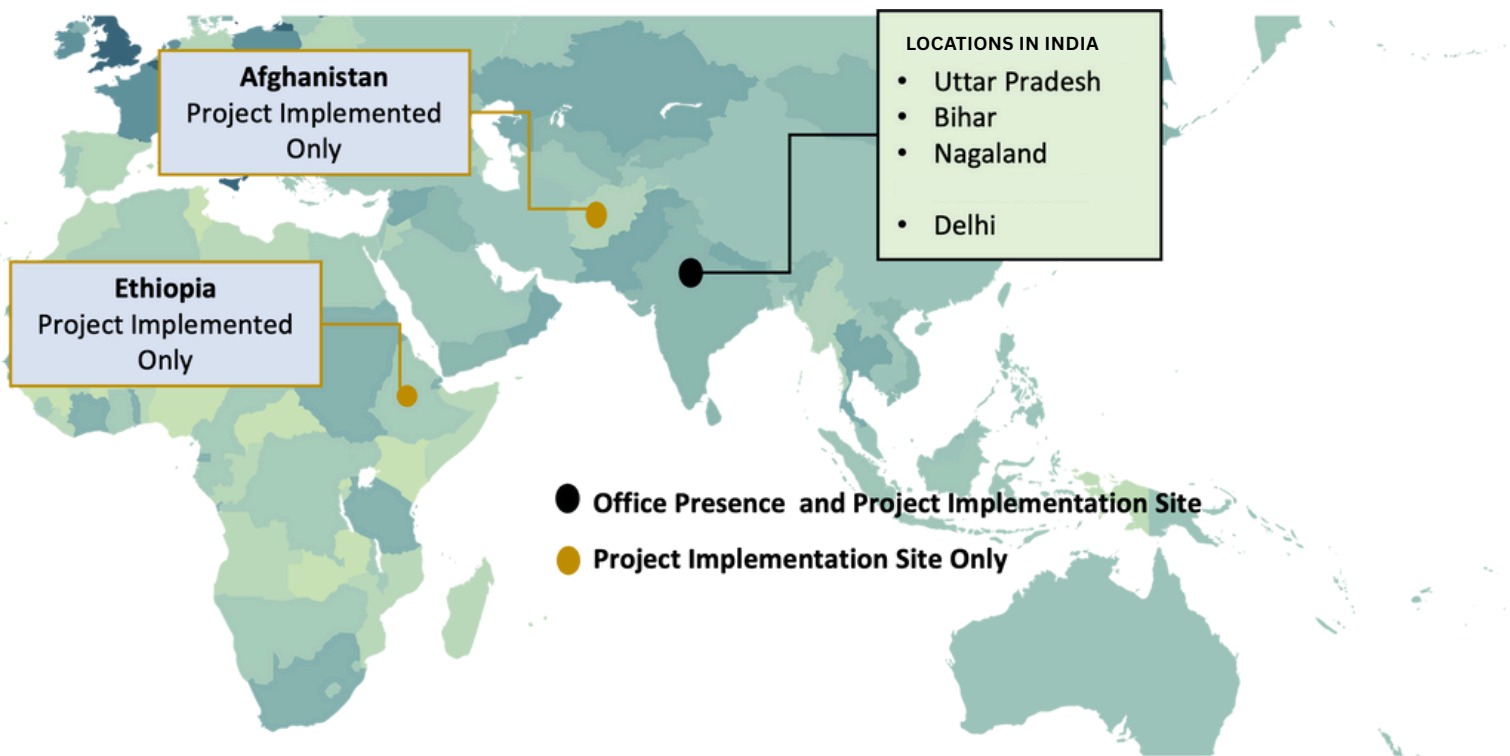
Mission:

Tattva Foundation works hand-in-hand with communities to build a fair and equal world for everyone. We use technology that's open-source, designed for people, works in and helps to reach even the remotest areas. Together, we create lasting solutions, bridge digital gaps, and empower organizations, communities, and individuals to make positive changes and grow in harmony.

Values:

- **Community-driven**: Prioritizing the needs and voices of the communities we work with.
- Human-centered design: Designing technology that meets the specific needs and aspirations of people.
- **Open-source**: Promoting open access to technology and knowledge to empower communities.
- **Sustainability**: Developing solutions that are environmentally and economically sustainable in the long term.
- **Innovation**: Continuously seeking new and effective solutions to address community challenges.
- **Equity**: Ensuring everyone has equal opportunity to access resources and thrive.
- **Empowerment**: Enabling individuals and communities to take control of their lives and shape their future.

GLOBAL PRESENCE OF TATTVA FOUNDATION

Afghanistan
Project Implemented Only

Ethiopia
Project Implemented Only

LOCATIONS IN INDIA
- Uttar Pradesh
- Bihar
- Nagaland

- Delhi

⚫ Office Presence and Project Implementation Site
🟠 Project Implementation Site Only

OUR IMPACT & KEY COLLABORATORS

19
Projects/Products

3
Countries

90000
Direct Beneficiaries

80M
Indirect Beneficiaries

Key Collaborators

WORLD BANK GROUP

बिहार सरकार

UP Government (उत्तर प्रदेश सरकार)

unicef

Save the Children

UNITY GOVERNMENT OF NAGALAND

उत्तराखण्ड शासन

POPULATION FOUNDATION OF INDIA

CINI

The Union — International Union Against Tuberculosis and Lung Disease — Health solutions for the poor

World Health Organization

LONDON SCHOOL of HYGIENE & TROPICAL MEDICINE

ihat

mamta — bridge to health & beyond

AGA KHAN FOUNDATION

phfi — KNOWLEDGE. ACTION. IMPACT. EQUITY

german cooperation — DEUTSCHE ZUSAMMENARBEIT

giz — Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

ORGANIZATION STRUCTURE OVERVIEW

Board of Directors
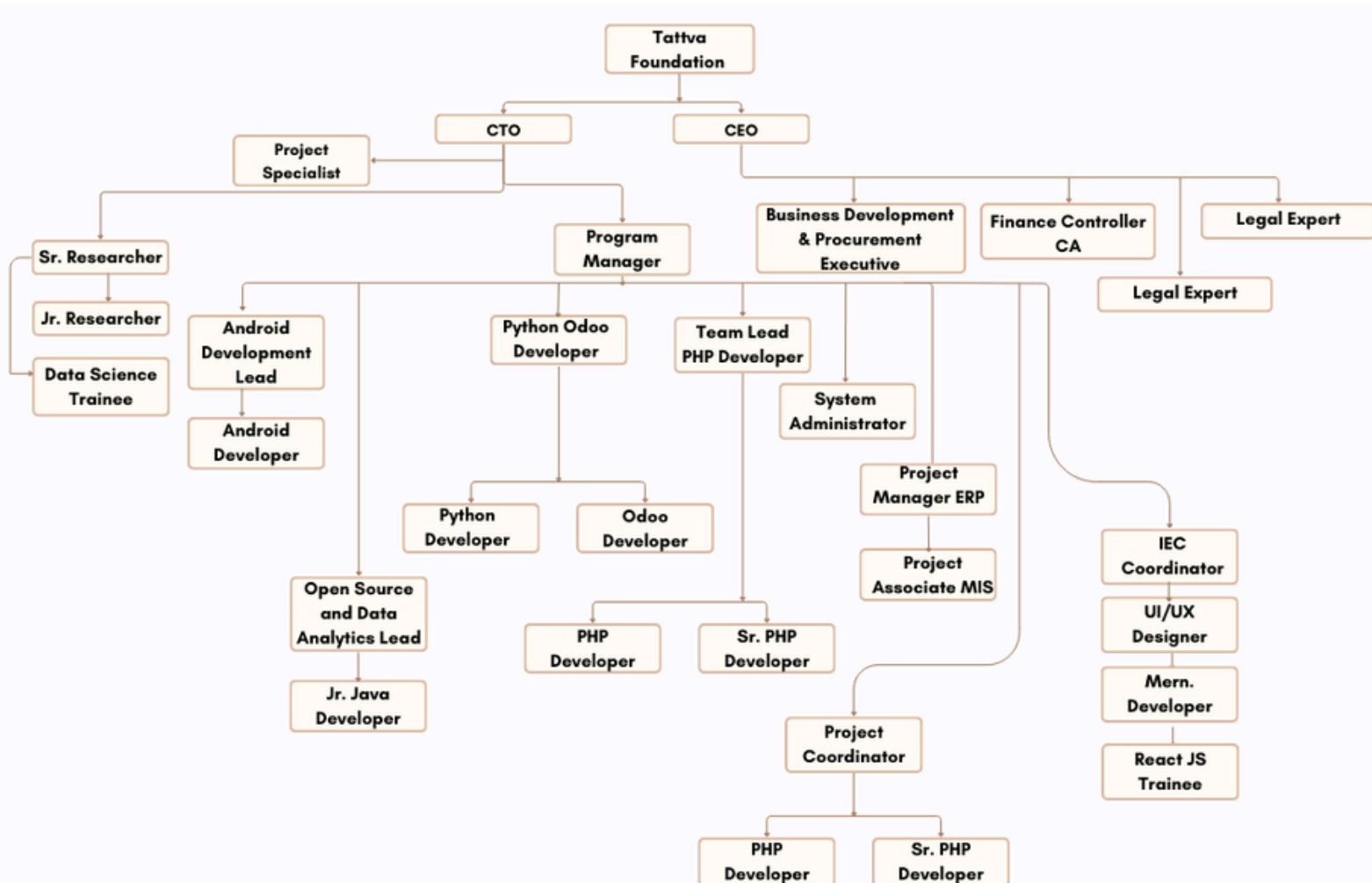
Akanksha Jaiswal
CEO

EXCEPTIONAL IDEATOR WITH EXPERIENCE IN OPERATIONS, HR, AND FINANCE. SHE IS THE FORCE WHO ANCHORS TATTVA'S CORE PHILOSOPHY OF HUMANE, ETHICAL, AND SUSTAINABLE WAY OF DOING THINGS (OR THE ONLY WAY OF DOING THINGS). IN PAST, SHE HAS OCCUPIED CRITICAL MANAGEMENT ROLES IN INTERNATIONAL NON-PROFIT, SOLAR STARTUP, AND AGRICULTURE CONGLOMERATES. SHE HOLDS AN MBA DEGREE FROM LUCKNOW UNIVERSITY AND PGDHR FROM IIM KOLKATA.

Girdhari Bora
CIO

A SERIAL E-INNOVATOR, ICT4D EXPERT, RESEARCHER AND AWARD-WINNING PHOTOGRAPHER. HE HAS 16 YEARS OF EXPERIENCE IN SCALABLE E-INNOVATIONS IN MICROFINANCE, AGRICULTURE, EDUCATION & HEALTH. HE HAS SIGNIFICANTLY CONTRIBUTED TO MHEALTH INNOVATIONS (E.G. MSAKHI, MSEHAT, FLW DIGITAL PAYMENTS) WHICH ARE CURRENTLY BEING USED AMONG MILLIONS OF RURAL POPULATION. HE IS CURRENTLY A RESEARCH SCHOLAR AT IIM KASHIPUR AND HOLDS A BACHELORS IN COMPUTER ENGINEERING.

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Organization Structure

KEY PROJECTS

Ongoing Projects

1. Yuva Chetna – Awareness App for Sexual Reproductive Health

- Client: Child In Need Institute (CINI)
- Duration: August 2020 – June 2021
- Location: Ranchi, Jharkhand
- Highlights: Developed mobile and web apps for sexual reproductive health education using edutainment modules, LMS features, and facility mapping.
- Platform: Web + Android
- Funding: Yes, HNI

2. Garhwa Kanya Vaani Helpline

- Client: Garhwa District Administration, Government of Jharkhand
- Duration: September 2019 – September 2020
- Location: Jharkhand
- Highlights: Developed and deployed a helpline system to track cases of domestic violence and child marriage. Included SMS-based support for livelihood training and awareness outreach.

- Platform: Web Helpline System
- Funding: Government of Jharkhand

3. Open Bank Feedback Application – Phase 1

- Client: World Bank Group, Afghanistan
- Duration: August 2019 – February 2020; Maintenance till June 2021
- Location: Afghanistan (All provinces)
- Highlights: Developed a mobile and web platform to collect citizen feedback on public services; provided dashboard reporting and analytics.
- Platform: Android + Web Dashboard
- Funding: World Bank

4. nCOVID-19 Integrated Health Platform – Nagaland DoHFW

- Client: Department of Health & Family Welfare, Government of Nagaland
- Duration: March 2020 – August 2020
- Location: Nagaland
- Highlights: Developed state-wide COVID-19 tracking app and web platform; included community/individual case tracking, public safety information, and knowledge hub.

- Platform: Web + Android
- Funding: Government of Nagaland

5. Community Process Web Platform – NHM Uttar Pradesh

- Client: India Health Action Trust (IHAT), NHM, Govt. of Uttar Pradesh
- Duration: February 2018 – October 2019 (Support continued into early 2020)
- Location: Uttar Pradesh
- Highlights: Built dashboards and training systems to manage performance and payments of frontline health workers. Supported knowledge base for ongoing use.
- Platform: Web Portal
- Funding: Government of Uttar Pradesh

6. Digital Monitoring Dashboard – UNICEF & Johns Hopkins

- Client: UNICEF & JHCCP
- Duration: February 2018 – November 2019 (utilized in 2020)
- Location: Uttar Pradesh

- Highlights: Android and web platform used to monitor immunization coverage; gathered field data on dropouts and delays for public health planning.
- Platform: Android + Web Dashboard
- Funding: UNICEF

7. State-wide Integrated Health MIS – Government of Nagaland

- Client: Nagaland Health Project (World Bank), Department of Health & Family Welfare, Govt. of Nagaland
- Duration: June 2019 – Ongoing
- Location: All districts of Nagaland (Kohima, Mokokchung, Tensung, Phek, Mon, Wokha, Zunheboto, Dimapur, Peren, Kiphire, Longleng)
- Team: 24 members
- Highlights: Designed and implemented a fully integrated health information system across Nagaland. Modules developed include HRMIS, Hospital & Facility Management, EMR, Biomedical Waste Tracking, Grievance Redressal, Contract & Planning Systems. Delivered web & mobile apps, dashboards, and an enterprise MIS covering all health operations.

8.ERP-based MIS Implementation – AAJEEVIKA, Bihar Rural Livelihoods Mission

- Client: Bihar Rural Livelihoods Mission (BRLPS), Government of Bihar
- Duration: July 2021 – July 2024
- Location: All districts of Bihar
- Team: 13 members
- Highlights: Developed and rolled out an ERP-based MIS solution across BRLPS operations. Delivered SRS and design documentation, built custom ERP modules, conducted testing, piloting, and statewide rollout. Included dashboards, analytics tools, and training programs for BRLPS staff at multiple levels.

3. TIKA App – Immunization Learning App

- Client: UNICEF & JHCCP
- Duration: November 2019 – Ongoing Location: Uttar Pradesh & Bihar
- Highlights: Delivered an integrated training platform for FLWs with content on immunization and self-assessment.
- Platform: Android + Web LMS
- Funding: UNICEF

AWARDS

The team successfully developed nCOVID health management tools for the Governments of Nagaland and Afghanistan, with support from the World Bank. Additionally, the team launched Kutukit, an AI-enabled learning application designed to support government school children with content in Hindi. The app has directly reached over 100,000 users, with the user base continuing to grow steadily.

In 2020, the Kutukit Financial Scholarship program was introduced to support students from low-resource families, enabling them to continue their education and pursue their aspirations. These efforts reflect Tattva Foundation's commitment to combining innovation, skill, and empathy to drive social impact. The recognition received from Amar Ujala serves as a valuable acknowledgment of the team's ongoing dedication and youthful energy.

LOOKING AHEAD

We look ahead with a fresh sense of purpose and ambition as we wrap up this year's journey. With the aim of reaching and empowering more communities via creative, tech-driven solutions, the Tattva Foundation is dedicated to growing its operations throughout new parts of India. Building inclusive systems that increase access to livelihoods and health care is still our main priority. We also intend to add more professionals to our team in the upcoming year who share our commitment to making a lasting social impact. With each advancement, we stay true to our goal of bridging the divide between technology, governance, and communities in order to bring about significant change on a large scale.

Thankyou!

Tattva Foundation

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