

Swashodhan Trust

Activity Report: 2022–2023

Overview of Organization

Swashodhan Trust is an NGO registered under 12A and 80G, set up in 2017. The Trust is a ***Social Rural Entrepreneurship*** initiative working to create self-sustaining, self-sufficient digital villages. It focuses on ***providing urban amenities in rural areas to prevent urban migration***.

Key Program Areas and Activities:

Activity 1:

Establishment of Digital Learning Infrastructure

Date of Activity: 2022-2023

Locations: UPS School Chippalapally Mandal, kandukur, Ranga reddy District, Telangana

Beneficiaries: Eighty children of UPS School Chippalapally, Telangana.

Objective:

1. **Provide high-quality free** education in remote, rural, tribal, and socio-economically disadvantaged areas.
2. Offer audio-visual digital content to enhance comprehension and practical understanding, acting as a substitute for physical labs.
3. Facilitate remote student evaluation by government officials anytime and from anywhere.
4. Support English learning through digital content.

Program Activities and Execution:

- **Interactive** Digital Equipment: Digital TV, internet connection, Web-Camera, keyboard, mouse, Android box and Mike installed in all classrooms.
- This effective and economical model of Digital classroom was developed over Three or Four years of experimentation.
- The students are provided with online *Audio Video* digital content with access to *academic (all academic subjects) and non-academics (life skills, storytelling, art, meditation, yoga asanas) content* thereby providing *all around education*.
- Training teachers to effectively use the digital classroom and access online resources.
- Provided access to TSAT (State Syllabus) and DIKSHA (Central Syllabus) and access to the vast online academic and non-academic content.
- Addressing teacher **shortages** in rural areas by enabling other teachers and students to start online classes and helping remote teaching by virtual teachers.
- Providing virtual teachers where needed to supplement the quality of education.
- Enabling remote monitoring of educational standards by government officials like DEO.

Impact and Outcomes:

- **Students:** Visual learning through digital classrooms is reported to be **six times** more effective than traditional physical classrooms.
- **Students:** Uniform learning and understanding among children, ensuring no child is left behind.
- **Students:** Improved memorization and recall of content.
- **Students:** Enhanced application of knowledge in daily life.
- **Students:** Better academic scoring and reduced examination stress.
- **Students:** Practical understanding of concepts, serving as a "poor man's substitute for practical labs."
- **Students:** Improvement in children's education is reflected in grading.
- **Students:** Improved attention, focus, and classroom discipline.

- **Students:** Enhanced English language learning.
- **Teachers:** Broadened teachers professional knowledge.
- **Teachers:** Teachers have access to a vast amount of online content beyond TSAT and DIKSHA.
- **Virtual Teachers:** Enabled global access to classrooms via the internet.



DEO interaction with students



Digital classroom at UPS school Chippalapally



Students watching the Tsat content digital



Digital education classroom of UPS school Chippalapally kandakur Mandal Rangareddy District, Telangana

YouTube Links: (***Copy the link and open in Browser***)

- DEO Susendra sir URL link
- https://www.youtube.com/watch?v=Bl0KdTxuxc0&ab_channel=SwashodhanTrust
- Digital Classroom Chippalapally School
- https://www.youtube.com/watch?v=Avfpi-YxPOs&ab_channel=SwashodhanTrust

Challenges:

- **Internet Connection:** This biggest challenge was internet connection; this challenge was solved by pulling an optical fiber line to the village. Internet speed was also an issue.
- Electricity problems got better with the usage of inverters.
- Video training recording of Digital education helped in training of the teachers.
- Finding virtual teachers is still an ongoing effort especially **TEACH from world Program.**
- Measuring the effectiveness of the Digital education system *is work in progress.*
- Post-school hour's usage of digital equipment (daily use of equipment) needs permission and work in progress.

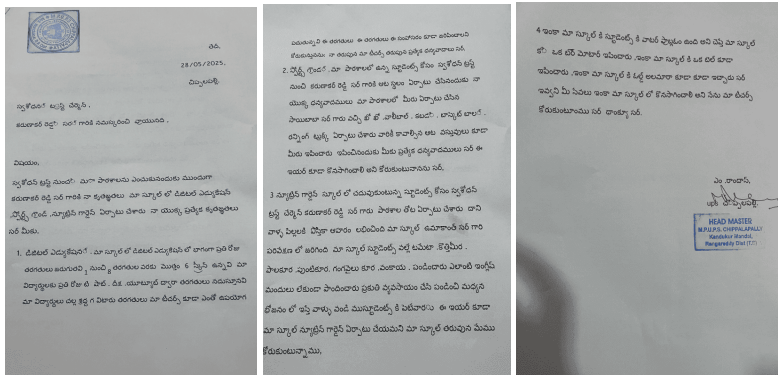
Achievements: (Copy the link and open in Browser)

- DEO Susendra sir URL link
- https://www.youtube.com/watch?v=Bl0KdTxuxc0&ab_channel=SwashodhanTrust

Conclusion: The goals of Swashodhan Trust were met, but considerable progress still needs to be made.

Testimonials

- Principal Mr. Ramdas sir -UPS School Chippalapally



Activity 2:

Establishment of ICT Resource Centers in Educational Institutions

Date of Activity: 2022-2023

Locations: UPS School Chippalapally Mandal, kandukur, Ranga reddy District, Telangana.

Beneficiaries: 40 Children of Chippalapally Upper Primary School (UPS), Telangana.
Children from fifth class to ninth class.

Objective:

To provide complete IT education, teaching both theoretical and practical computer knowledge, primarily Microsoft Office.

Program Activities and Execution:

- 15 Computers were set up with a digital classroom.
- Facilitating **virtual** teaching by setting up digital classrooms for online virtual teachers using zoom Meetings, occasionally supplemented by physical teachers.

Impact and Outcomes:

- Increased computer knowledge and practical computer skills.
- Increased awareness among children about essential computer skills.



Digital ICT Labs at UPS school Chippalapally kandakur mandal Ranga reddy district Telangana



Virtual Teaching observation ICT lab in UPS School Chippalapally Mandal, kandukur, Ranga redy District, Telangana.

YouTube Links: (copy link and open in browser)

- Free setup of ICT lab
- https://www.youtube.com/watch?v=uc6RZfgUJtY&ab_channel=SwashodhanTrust

Challenges:

- Internet connection was a major challenge, which was solved by pulling an optical fiber line to the village: Internet speed was also an issue.
- addressing electricity problems with inverters
- lack of local support from local panchayats and schools due to ignorance of computer literacy.
- Earthing was an issue.
- Infrastructure problems led to the closure of the ICT lab due to the non-availability of space from the school and the Panchayat.

Achievements: (copy link and open in browser)

- DEO Susendra sir URL link
- https://www.youtube.com/watch?v=Bl0KdTxuxc0&ab_channel=SwashodhanTrust

Conclusion: The Swashodhan Trust met its goal of setting up a computer lab.

Testimonials

- Principal Mr. Ramdas sir -UPS School Chippalapally

Activity 3:

Organization of Telemedicine Clinics and Community Health Camps

Date of Activity: 2022–2023

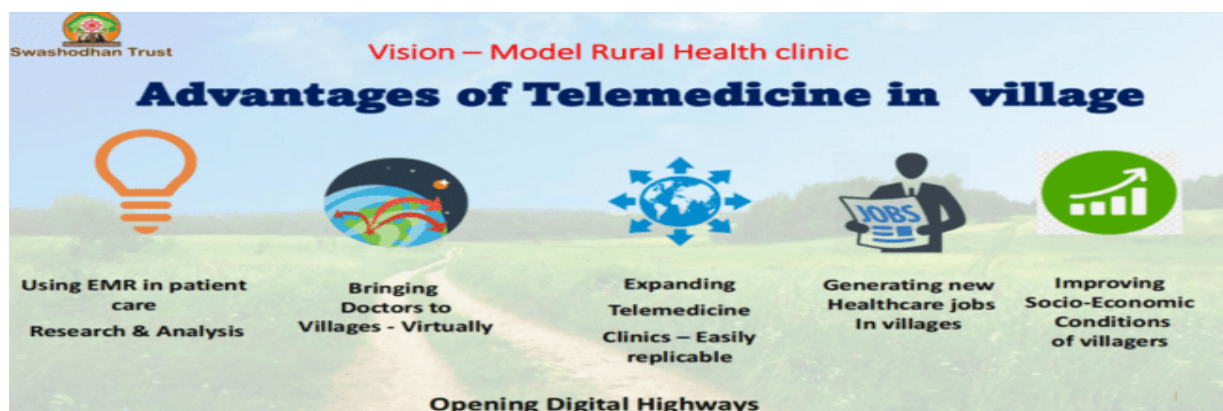
Locations: Chippalapally Village, Telangana

Beneficiaries:

- 1163 patients.

Objective:

1. To provide high quality, non-profit, low cost, primary and preventive care.
2. Utilize technology for teleconsultations and diagnostics.
3. Conduct regular health camps.
4. Eye camp.
5. Maintain electronic health records using open EMR.
6. Research



Advantages of Telemedicine clinic

Program Activities and Execution:

- Set up Telemedicine clinic.

- Staff trained in EHR documentation. Hiring a receptionist for EHR data entry and a clinician for clinical data entry.
- Employing a general practitioner to see patients virtually using the EHR for primary and preventive care.
- Customizing open-source EHR (Open EMR) for rural healthcare needs.
- Utilizing advanced diagnostic equipment like point-of-care blood tests.
- Conducting diagnostic testing (ECG 6-lead, ECG 12-lead) with rapid results and remote interpretation.
- Working towards establishing multi-specialty Telemedicine coverage.
- Arranging health camps with Primary care doctors & Eye camps for screening of school children and villagers.

Impact and Outcomes:

1. Affordable, accessible healthcare.
2. Ability to provide medical consultation and care in remote locations by qualified physicians.
3. Increased patient volume without geographical limitations for physicians.
4. Increased data collection for continuity care.
5. **Enhanced Diagnostic Capabilities:**
 - Access to advanced diagnostic tools such as Otoscope, ECG, blood sugars, and hemoglobin poc test.
 - Real-time data transmission allows for prompt diagnosis and treatment decisions.
6. **Efficient Workflow:**
 - Use of Medeva EHR streamlines documentation and data management.
 - Digital records facilitate quick access to patient history and previous reports and thereby contribute to providing high quality continuity care.
7. **Collaborative Care:**
 - Multi-specialty Telemedicine coverage improves the comprehensiveness of patient care.
8. **Improved Patient Outcomes:**

- Rapid diagnosis and intervention, especially in emergencies.
- Early identification of conditions like visual impairment requiring spectacles or surgery.

9. Reduced Physical Burden:

- Virtual consultations reduce the need for physical travel, saving time and resources.
- Portable diagnostic equipment minimizes infrastructure expenses.

10. Partnerships and Collaborations:

- Opportunities to collaborate with government agencies, NGO'S, and healthcare providers-ITDA, LV Prasad Eye institute.
- Potential for expanding services to other rural areas.

11. Training and Education:

- Opportunity to train local health workers and community members.
- Building a sustainable healthcare delivery system.



Dr. Karunakar Reddy examining patients at Chippalapally village clinic

Challenges:

- **Patients lack acceptance of virtual doctors**
- **Lack of Human resources in villages and trained physicians in telemedicine practice.**
- Low awareness of virtual care.
- Internet access issues.

Conclusion: Delivered healthcare is equivalent or better than urban standards.

Activity 4:

Facilitation of Summer Camp

Date of Activity: May 02 – May 31 2022

Location: Upper Primary School Chippalapally Village Telangana.

Beneficiaries:

80 Students benefited from this event.

Objective:

- What is education, and importance of Education?
- Promote empowerment.
- Physical and Mental Health
- Career Awareness
- Child Psychology
- Health Awareness
- Sports
- Field trips
- Arts, Crafts and Music -story telling, songs, paintings.
- Soft skills Development
- Motivational speech
- Importance of book reading
- Vedic math's

Program Activities and Execution:

- The Summer camp was conducted on the school ground.
- **Interactive sessions** on the value of knowledge were conducted by Dr. Karunakar Reddy, Managing Trustee of Swashodhan Trust.
- **Book reading sessions** were conducted by Madhav Reddy, founding trustee of Vandemataram Foundation.
- **Child psychology sessions** were led by Smt. Shailaja, Commissioner for Women and Welfare, Hyderabad.
- **Nutritional Education** (Theory and Practical classes) was provided by the NIN Team, HYD.
- **Manpreet conducted pottery arts class.**
- **Self-defense sessions** (Karate and stick training) were conducted for girls by Vijay Hope Team.
- **Industrial field trip:** Students visited an industrial plant to understand the manufacturing process of doors and learned about industrial hazards and safety precautions.
- **Nehru Zoological Park:** Students visited the zoo to see different animals and learn about their life cycles.
- **Social Awareness:** Students visited Surendra Puri, India's first mythological theme park.
- A free nutritious lunch was provided for students.
- Music: Children were taught flute (by Vamshi).
- Dance: Children were taught Kuchipudi classes.

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Timetable of summer camp 2022 and invitation for the opening ceremony of UPS Chippalapally school

Impact and Outcomes:

- **Enhanced Career Awareness:** Students gained insights into various career options through sessions and industrial visits.
- **Development of Soft Skills:** Interactive activities improved communication, teamwork, and confidence.
- **Health and Nutrition Awareness:** Practical and theoretical classes fostered healthier lifestyles.
- **Promotion of Reading and Learning:** Sessions on book reading cultivated a love for learning.
- **Holistic Personal Development:** Activities like yoga, arts, music, pottery, and child psychology contributed to emotional and creative growth.
- **Exposure to Real-world Environments:** Field trips provided experiential learning and broader perspectives.
- **Community Engagement and Awareness:** Visits to local sites strengthened community bonds and social responsibility.

- Increased Motivation and Confidence: Inspirational speeches fostered self-esteem and a positive outlook.
- Foundation for Future Initiatives: Diverse activities laid groundwork for continued personal development, health awareness, and community involvement.



Registration of summer camp



Self-defense techniques by Vijay hope Team



Felicitation to Swami Srinivas garu



Students practicing meditation



Students practicing pottery art



Teaching students Kuchipudi dance



Students practicing pottery art



Students at Surendra puri Yadadri



Students in bus going to field trips



Flute classes session by Vamshi



Group photo at Summer Camp



Teacher addressing the students

YouTube Links: (copy link and open in browser)

- Kuchupudi Classes
- https://www.youtube.com/watch?v=pDfRabQG5mM&ab_channel=SwashodhanTrust
- Self defense
- https://www.youtube.com/watch?v=6eGJ1jq5CEQ&ab_channel=SwashodhanTrust
- Karate Classes
- https://www.youtube.com/watch?v=qM8m0qALzAw&ab_channel=SwashodhanTrust

Challenges:

- Coordinating transportation and resource management for daily activities and field trips.
- Finding highly qualified teachers to instruct children in rural areas for the summer camp.
- Summer heat needed an expensive pandal.

Conclusion:

Swashodhan Trust has achieved its goals for its summer camp.

Activity 5:

Conducting Annadanam (Free Meal Distribution) for Beneficiaries

Date of Activity: Jan 2023 – March 2023

Location: Government Mental Health Centre, Erragadda, Hyderabad

Beneficiaries: The Patients family coming from district to the hospital

Objective:

1. Patient families were given healthy and hot breakfast.

Program Activities and Execution:

- Working with lord welfare organization, breakfast was provided to the family of the patients who were admitted to the Hospitals.

Impact and Outcomes:

- Able to satisfy the hunger of patient's family



Food distribution vehicle



Queue of patient's Family for Food



Food distribution to people



Request letter for free food distribution program

Youtube links:

- https://youtu.be/6XJKg_0NSJg

Challenges:

Swashodhan trust activities in digital education which is one of the main objectives of Swashodhan trust was growing and needed funding for this project.

Due to this financial constraints Annadanam project was stopped.

Conclusion:

Able to meet the objective of feeding hungry people.
