

AVETI PULSE

Quarterly Newsletter of Aveti Learning

COVER STORY 5T SCHOOL TRANSFORMATION PROGRAMME

In 2022-23, 1.2 lakh learners utilized over 60 lakh minutes of digital content

AVETI FLASH AVETI LEARNING JOINS COHORT 2 OF IMPACT ORBIT AT IIMB NSRCEL

The launching program was held in Feb 2023 with a series of engagements



5T SCHOOL TRANSFORMATION PROGRAMME



"Now I have more time to attend to each student and the video content is very attractive to students, they listen attentively and grasp better to the visual lessons."

-Teacher in Kashipur, Rayagada



A key component of the 5T School Transformation program is the installation of Smart Class and Digital Learning Systems in classrooms for an immersive learning experience for students. Aveti Learning has been working with districts to provide digital content in every school's Smart Classroom. In 2022-23, Aveti facilitated 2200 classrooms across 1066 schools in 12 districts, where 1.2 lakh learners utilized over 60 lakh minutes of digital content, equivalent to over 1.5 lakh classroom sessions.

Overall, the Smart Class and Digital Learning Systems implemented as part of the 5T School Transformation program are set to revolutionize the way students learn in Odisha. In the past year, Aveti has trained over 12,000 teachers to effectively utilize digital learning content in Smart Classrooms.

The Smart Classrooms serve as the smart engine, while Aveti's digital content provides the fuel to propel the engine towards excellence. Aveti Learning is proud to be a part of this transformation and is dedicated to supporting the schools in their efforts to provide the best possible education to their students.

1066

5T Schools

2200

Smart
Classrooms

**60
lakh**

Minutes of Digital
Content



AVETI LEARNING IN XR STARTUP PROGRAM



We are delighted to announce our collaboration with Meta and MeitY to develop next-generation Extended Reality (XR) learning content in Odia language.

This innovative project harnesses XR technologies, such as virtual reality (VR), augmented reality (AR), and mixed reality (MR), to provide students with immersive and interactive learning experiences across various subjects. Our goal is to create engaging content that fosters deep understanding and sparks a lifelong passion for learning.

Stay tuned for more updates on our XR learning content development, as well as announcements about its availability and implementation in schools. We can't wait to share this groundbreaking innovation with you and witness the incredible impact it will have on the learning experiences of students



AVETI LEARNING PARTICIPATING IN VILLGRO IMPACT

Aveti Learning is selected among the Education vertical to be part of the 'Villgro IMM pact Program' and work with leaders in IMM capacity building in the ecosystem, which includes Villgro and researchers from Chicago Booth and Harvard Business School.

The launching event was held in Feb 2023 and Aveti Learning will be part of the IMM pact program covering next six months. Impact measurement of our interventions is one of the priorities and Aveti has been focusing on learner engagement and outcome reporting of the interventions.





An article by Mr. Sibabrata Choudhury
Founder and COO, Aveti Learning Pvt. Ltd.



AI AND ML IN NATURAL LANGUAGE LEARNING AND SPEECH DATA

At Aveti Learning, we believe that students should have the option to learn in their mother tongue. With this in mind, we have developed contextualized vernacular content in various modern Indian languages. We are leveraging Artificial Intelligence (AI) and Machine Learning (ML) to create effective digital content for smart classes in Odisha and beyond. However, we recognize that our tribal and indigenous communities, which use low-resource languages, have not been adequately served.

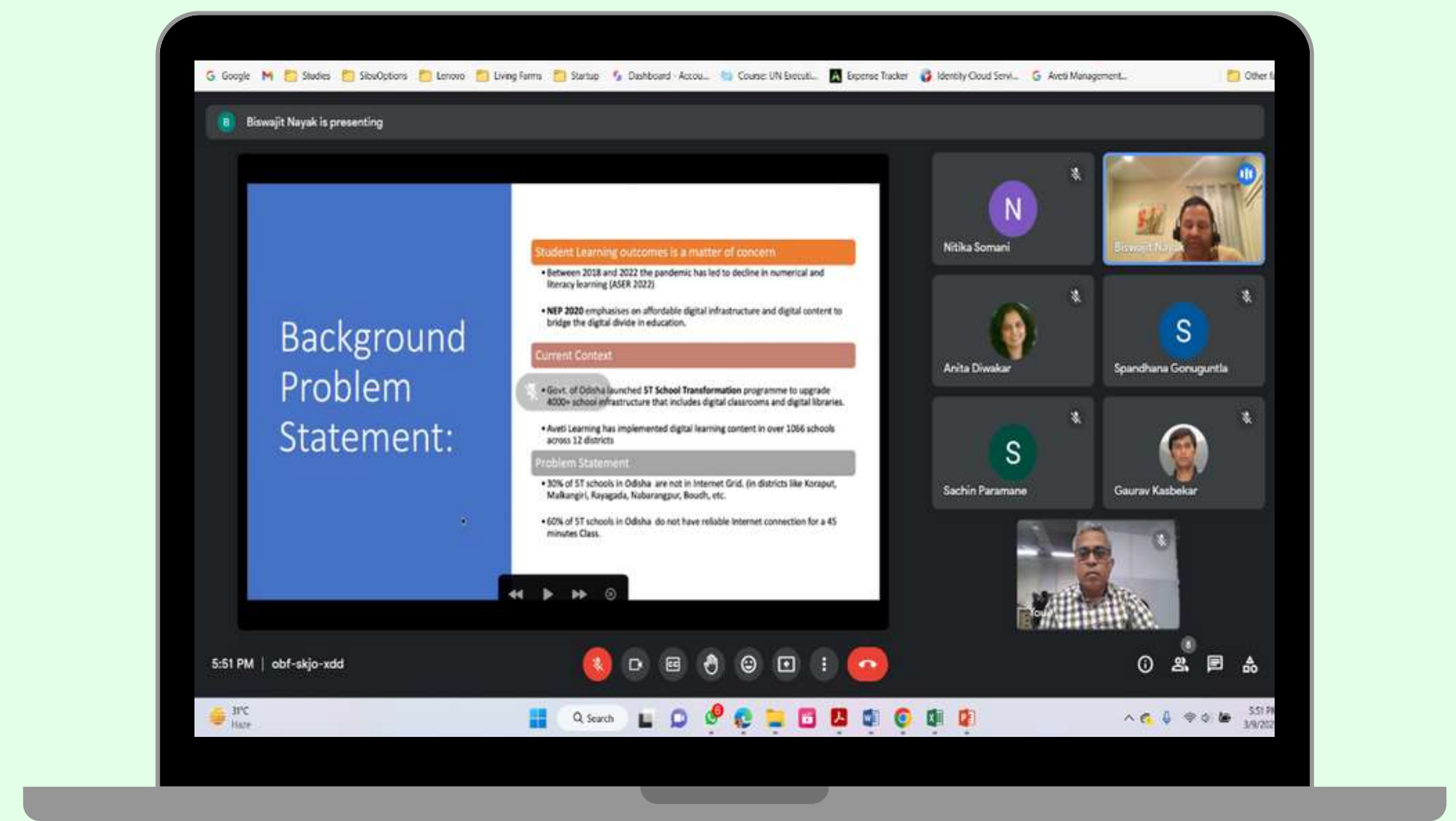
To address this gap, we have partnered with researchers from IIT-Bombay and IIT-Dharwad to create cutting-edge Speech-to-Speech Translation, Text to Speech (TTS), Machine Learning (ML), and Automated Speech Recognition (ASR) systems in two Odisha tribal languages - Mundari and Kwui.

Our innovative '**Aveti Learning Speech Data Project on Tribal Languages**' has the potential to contribute to language preservation, increased accessibility, empowerment of tribal communities, and advancements in AI and ML. This project not only helps preserve the unique characteristics of tribal languages by creating speech datasets but also enables developers to increase accessibility and inclusivity in technology. By involving community members in the process, we empower tribal communities and provide them with a greater voice in developing technologies that impact their lives.

AVETI LEARNING IS COLLABORATING WITH IIT BOMBAY

We believe that high-quality digital content should be accessible to all, regardless of their internet connectivity. With the support of a grant from Technology Innovation Hub for IoT & IoE (TIH-IoT) at IIT Bombay and MeitY, we have been selected to create a light-weight course delivery system using affordable commodity hardware. Over the next two years, Aveti Learning will focus on developing innovative Light-weight Course Delivery Modules, building upon its existing efforts to democratize digital learning.

This system will incorporate a personalized recommendation feature and offer grade-appropriate digital content in the user's preferred language, ensuring that educational resources are available to a wider audience.



(Mr. Biswajit Nayak presenting at the TIH-IoT virtual meeting)





AVETI LEARNING JOINS COHORT 2 OF IMPACT ORBIT AT IIMB NSRCEL

Aveti Learning is selected as one of the participants in Cohort 2 of Impact Orbit at **IIMB NSRCEL** (Startup hub at Indian Institute of Management Bangalore). The launching program was held in Feb 2023 with a series of engagements and workshops over the next six months.

"Aveti Learning is bringing smart-class technology education to all Indian classrooms to empower children across Rural India through its original local-language video content that complies with the local school syllabus." - NCRCEL posted on social media platform LinkedIn.

Sibabrata Choudhury,
Co-founder and COO, Aveti Learning Pvt. Ltd.



SPEECH-TO-SPEECH TRANSLATION FOR TRIBAL LANGUAGES

IIT DHARWAD



Aveti Learning is working with IIT Dharwad on a very innovative project on Speech-to-Speech Translation for Tribal Languages using 'Deep Learning Framework', MeitY, 2021-2024. The project is sponsored by the Ministry of Electronics and Information Technology.

The project integrates technology such as Text to Speech (TTS), Machine Learning (ML) and Automated Speech Recognition (ASR) in this project on four tribal languages - Soliga, Lambani, Mundari and Kwui. In this project Aveti Learning is working with communities to record speech data for Mundari and Kwui languages. The development of speech data sets for tribal languages can help advance the field of AI and ML. These data sets can be used to train algorithms to better recognize and understand the unique characteristics of these languages.



The Story of Dedication, The Story of Bhadrak!

WHAT DOES IT TAKE TO FINISH THE WORK IN THE TIMELINE!

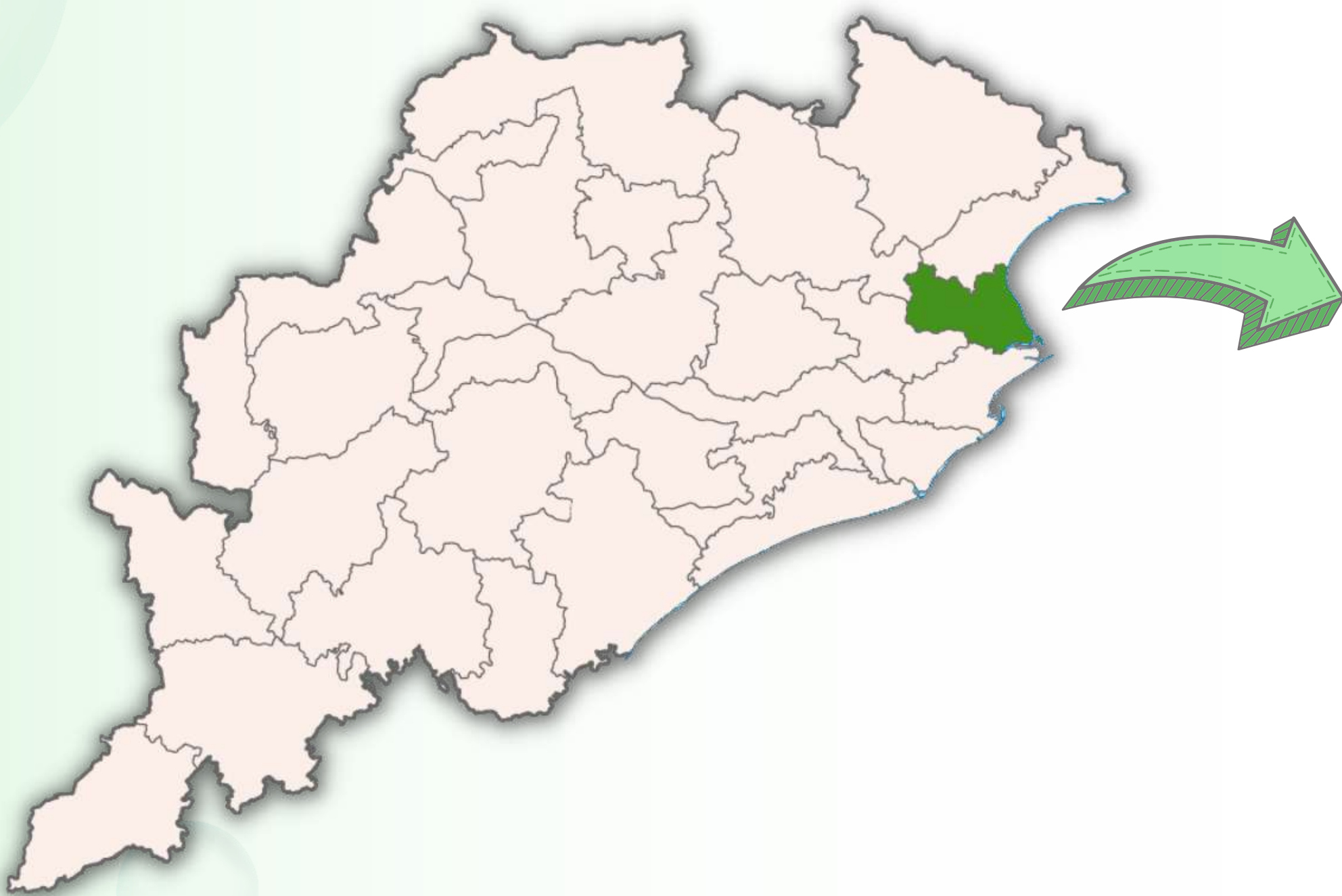
Meet Sunil and Swagat from Team Aveti. Before we start the story let's give you some idea about the background. In Bhadrak district, the team decided to conclude all the work before the schools are closed on Makar Sankranti, and Sameer who was leading the work in Bhadrak realized that the hardware stocks on the field were not enough to do so.

A parcel was packed by Monalisa, and the director and co-founder of the company, Mr. Sushant Kumar Mahapatra, personally travelled to Cuttack to put the parcel on a bus.



The task was completed flawlessly, and we were prepared to receive the parcel in Bhadrak. Unfortunately, the bus broke down en route, causing an unanticipated delay. Sunil and Swagat remained in contact with the bus driver and waited until 3 a.m. on the streets in extreme cold of 9th January night and finally received the parcel and finished the work in the deadline as decided.

By this story we communicate that the entire team is willing to put whatever we have, to ensure that the light of quality education reaches to the last mile with the best-in-class service possible in a timely manner.



Project Bhadrak

102



5T Schools

204



Smartclasses Installed

765



Teachers Trained



Our success marks a new beginning....

The night of January 9th was a beautiful one, crisp and cold. Both Swagat and I were expecting a bus that would bring us an official package containing smartclass pendrives . At around 11 o'clock that night, the bus was scheduled to arrive after departing from Cuttack. The temperature steadily dropped as we waited for the bus to be fixed, and by the time it finally arrived at 3 p.m., the situation was even worse. I could go on and on about the details of our success story, but I'd rather just state that reaching a certain point isn't the finish, but rather the start of another.

-Sunil Kumar Samantaray,
Field Program Associate

We made it possible....

To tell you the truth, I had no idea how to do the task in such a short span of time. It was at that point when Sameer sir conceived of an incredible plan to complete the job within the allotted amount of time. He reasoned that if there were fewer days to complete the project, we ought to have more manpower working on it. The project that needed to be finished in seven days was worked on by a total of ten persons thanks to this method. It gives me great pleasure to report that we were successful in completing the installation of Aveti smartclass in all 102 5T schools in just seven days.

-Swagat Kar,
Field Program Associate



AVETI CELEBRATED INTERNATIONAL WOMEN'S DAY

Aveti Learning celebrates the incredible contributions of women in all areas of life, including education. We believe that education is a fundamental human right, and we are committed to empowering learners of all genders and backgrounds to achieve their full potential. This year's theme, "**Embrace Equity**", reminds us of the importance of creating a world where everyone has access to the same opportunities and resources, regardless of their gender or other factors.



International
WOMEN'S DAY



Aveti Celebrates Womanhood!

AVETI MARKED ITS 6TH FOUNDATION DAY ON MARCH 14

On March 14th, the whole Aveti family arrived for work, both elated and joyous. That day marked the start of Aveti Learning. Every year on March 14th, the members of Aveti Learning gather together to commemorate Aveti's founding. Once again, everyone in the company shared their thoughts and experiences within the group. After that, the cake was sliced, and everyone had a nice meal together. Mr. Biswajit Nayak, Aveti's founder and CEO, then concluded the meeting by presenting the company's yearly strategy and expressing gratitude to everyone in attendance. We hope that the years to come bring us nothing but success and glory.



Happy Birthday Aveti



SCAN ME



AVETI LEARNING PVT.LTD
3RD FLOOR, TOWER-A,O-HUB,
SEZ RD, CHANDAKA INDUSTRIAL
ESTATE, BHUBANESWAR, ODISHA
751024, INDIA

 9861927950 / 7894040614

 avetilearning@gmail.com

What do people have to say about us.....



The content is fantastic. The processes they have are very robust, the platform they are using is also very robust also the support team was present whenever we needed them.

-Smt Ranjana Chopra, IAS
Former Principal Secy, SC & ST Development Dept.



As part of the 5T School Transformation Programme, we have successfully developed high-quality infrastructure and equipped our high schools with state-of-the-art smart classrooms

-Shri. Siddeshwar Baliram Bondar
District Collector, Bhadrak



The students are enjoying the content, especially math geography and history. I can feel the difference from traditional methods and the Aveti Smart Class.

-Headmaster
Brundaban Govt High School, Jagatsinghpur



History and geography classes are no more boring as they are taught in the form of stories.

-Headmistress
Govt High School, Unit 1, BBSR

©all rights reserved