

HOPE GOA PROJECT

A Super Intelligence Program Initiative

Tripura Foundation

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About Tripura Foundation

Our Mission

Tripura Foundation seeks to deliver hope to children around the world living in poverty, hunger, violence, disease, inequality, and exploitation. We believe **all children, regardless of socio-economic background, should be enabled to reach their highest potential.**

Transformative Education

Our core competency is transformative education **delivered through Dr. Pillai's proprietary brain-enhancing technology- Phonemic IntelligenceSM (PI)**. PI can give a child a new destiny and a bright future by helping to improve academics, behavior, self-esteem, and compassion. Our largest PI programs operate in the United States, India, and Mexico.

“

The highest intelligence lies in sounds [phonemic intelligence]. When children access that intelligence, it changes their entire destiny, and then these children can truly be the leaders of a new world.”

- Dr. Pillai



Dr. Baskaran Pillai, Founder

Dr. Baskaran Pillai is an international teacher, humanitarian and scholar from Southern India with a **mission to alleviate human suffering.**

Dr. Pillai has been a speaker for the United Nations Conference of World Religions and the World Knowledge Forum. His scholarly background includes Masters degrees in English Literature and Comparative Literature from Madurai University and a Ph.D. in Religious Studies from the University of Pittsburgh. While at the University of Pittsburgh, he was a teaching fellow in the Department of Religious Studies and served as coordinator of the Indian Studies program for the Department of International Studies.

Phonemic Intelligence (PI)

Unique Technology of the Brain

Phonemic Intelligence is a brain-based breakthrough in educational technology. Within seconds, **PI increases the blood flow of brain areas associated with intelligence and behavior.** PI technology has been researched at universities and institutions both in India and the US.

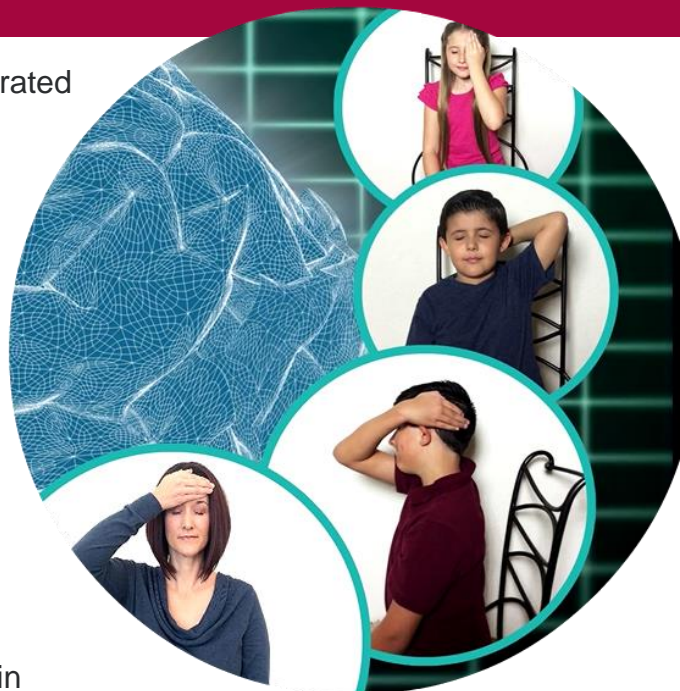
Phonemic Intelligence techniques use phonemic sounds, hand placements and concentration exercises that aim to activate key areas of the brain.

After a few weeks of PI practice, students have demonstrated remarkable achievement in academics as well as good behavior.

Early Beginnings

Phonemic Intelligence began as Mind-Sound Technology in 2000. The technology evolved into Phonemic Intelligence after informal practice with individuals, then formal implementation through Tripura Foundation.

PI was first taught to profoundly disadvantaged children in Boystown and Girlstown programs in Tamil Nadu, India. After successful use of PI, many of these children went on to college to earn baccalaureate degrees in engineering and the arts.



“ My vision for PI is that it emerges as a widely-accepted academic discipline capable of not only enhancing the intelligence potential of both children and adults, but also creates and nurtures compassion.”

- Dr. Pillai

Phonemic Intelligence Research

Harvard University, fMRI PI Research

Dr. Mykol Larvie, a neuroradiologist at **Harvard**, found that **PI phonemes have unique fMRI signatures in the human brain** and increased blood flow to important areas of the brain – the **orbitofrontal, parietal cortex and the cerebellum** (2016).

Brain Science International in San Francisco, USA

Research confirms that **PI has a significant impact on the Anterior Cingulate Cortex (ACC)**, 2012.

- **EEG sensors** were used to record brain activity while participants practiced the PI sound techniques
- **Independent Component Analysis (ICA)** was used to analyze the data.
- Results: **PI phonemes created a signature sound wave** in the brain within one minute of practicing PI along with the activation of the anterior cingulate. The anterior cingulate is involved with error detection, empathy, emotional regulation, learning, and memory.

SRM University in Chennai, India

Practiced PI/MST for six weeks before their medical exams resulting in:

- Improved academic scores
- Reduced stress hormones
- Helping students cope with exam-related stress

Detroit Public Schools, USA

In a study with three fifth-grade classrooms at Detroit Public Schools (USA) practicing PI daily, **higher scores on Star Math tests, as well as 30% fewer code infractions** were reported (2015).



Tripura PI Programs

Hope Learning Centers

In 2011, Tripura began establishing after-school Hope Learning Centers in south India to expand PI student training. **Hope Learning Centers have supported over 15,000 students.**

Hope Learning Center curriculum includes Phonemic Intelligence, academic support, Personal Transformation lessons, yoga, nutritious mini-meals, career-training, cultural events, and community support activities.

Each center serves approximately 35-40 children in grades 5-8. **There are currently 101 active centers in south India serving 4040 children.**



Super Intelligence Program

The Tripura Foundation is a proud partner of Dr. Pillai's Super Intelligence ProgramSM (SIP). **The SIP brings Phonemic Intelligence technology into school classrooms.** Schools serving a high-needs student population qualify to apply for SIP sponsorship through the Tripura Foundation.

Local PI Coordinators train teachers and students to use 7-minute Phonemic Intelligence techniques twice daily. Students practice in group sessions held once in the morning and once in the afternoon. PI Coordinators return monthly to provide support and follow-up.

Over 41,000 underprivileged children have used the SIP through Tripura sponsorship.

Success in Goa

Rural Communities

Hope Learning Centers serve children with the greatest needs in remote, rural areas.

Tripura has served over 500 children through 8 active Hope Learning Centers in Goa.

HOPE LEARNING CENTERS IN GOA

- Torshem
- Dhargal
- Pilgao
- Keri
- Velguem
- GHS Keri
- Virnoda
- Morlem

REPORTED BENEFITS

- ✓ Optimized Learning Outcomes
- ✓ Boost in Confidence & Self-Esteem
- ✓ Better Concentration, Comprehension, & Focus
- ✓ Compassionate Social Behavior
- ✓ Peaceful & Optimistic Outlook
- ✓ Relief From Anxiety



MEET HASAN

“I LOVE TO GO TO THE HOPE LEARNING CENTER. I WAS NOT ABLE TO UNDERSTAND SCIENCE BEFORE, BUT NOW I DO. I DON’T GET SCARED ANY MORE DURING SCIENCE EXAMS. NOW, I WRITE WHAT I KNOW.”



Government High School Pilot

In the 2016-17 academic year, the Super Intelligence Program was delivered in 20 government high schools in Goa (10 schools in North Goa and 10 schools in South Goa). These schools are located in the interior areas of Goa with the majority of the students belonging to underprivileged families and tribal communities.

3826
Students
283
Teachers

20 GOAN GOVERNMENT HIGH SCHOOLS SERVED

- Agarwada, Pernem
- Torxem, Pernem
- Dadachiwadi, Dhargal
- Guleli, Sattari
- Zambaulim, Sanguem
- Xeldem, Quepem
- Valkini, Sanguem
- Vadem, Kurdi Sanguem
- Amona, Bicholim
- Navelim, P.O.Sanquelim, Bicholim
- Morpirla, Quepem
- Gaval Khol, Canacona
- Gaondongrem, Canacona
- Thane, Sattari
- Keri, Sattari
- Namoshi, Guirim, Bardez
- Morlem Colony, Sattari
- Betoda, Ponda
- Kundaim, Ponda
- Agonda, Canacona



DATA ANALYSIS OF ACADEMIC SCORES

Analysis of results from all 20 schools showed a 4.3 percentage point drop in the number of students obtaining the lowest grade (failing) from 12.2% to 7.9%

A consistent increase was seen in the proportion of students moving up to grades B, C, and D.

ANALYSIS OF PSYCHOMETRIC TEST DATA

Psychometric testing was conducted at 4 schools- 2 in North Goa and 2 in South Goa in January 2017.

A pre-test and a post-test were administered to understand improvements after three months of PI practice.

Results indicated that PI had a significant role in improving students' logic, creative thinking, decision-making, and behavior.

Government-Aided High Schools

Tripura has also trained 11 government-aided private high schools in Goa.

11 GOAN GOVERNMENT-AIDED HIGH SCHOOLS

- Sai Navdurga High School, Pale
- Shrimati High School, Velguem
- Siddhart Bandodkar Higher Secondary School, Velgem
- Harmal Panchakroshi High School, Arambol
- Ideal High School, Pilgao
- Smt. Tarabai Dalvi High School, Usgao
- Dayanand Arya High School, Neura
- New English High School, Keri, Pernem
- Sai Vidya Mandir, Torsem
- Shri Shantadurga High School, Bicholim
- Harmal Panchakroshi Hr. Sec. School, Arambol

4831
Students
11
Schools



Endorsements

Educational Leaders

- Our academic result has improved from 80% to 100% at Goa board exam.
 - **A.M. Vernekar, Principal, Siddharth Bandodkar, GOA**
- I found that students are taking keen interest in performing PI during assembly. It has become easy for me to maintain discipline.
 - **Headmistress, Srimati High School, GOA**
- The improvements are visible by means of higher grades in second-semester exams.
 - **Jotiba Mali, Headmaster, Cancoan, GOA**
- PS119 has had a 52% drop in behavioral occurrences over a two year period. The change in class energy is palpable on a school level.
 - **Lisa Fernandez, Principal, PS119, NYC, US**



United Nations

Tripura Foundation is an **accredited consulting non-governmental organization to the United Nations Economic and Social Council (ECOSOC)**.

With this special consultative status, Tripura Foundation is able to:

- **Offer expert information** and advice to United Nations members and the Economic and Social Council
- **Learn about the Council's provisional agenda** and request items to be added
- **Submit written statements** regarding our areas of expertise to the Council's members
- **Attend UN meetings** and conferences in New York, Geneva, and Vienna

Hope Goa Project

State-Wide Expansion

Thanks to the incredible results of a successful pilot project, Dr. Pillai's Super Intelligence Program was just approved for delivery to **21,192 students in 757 government primary schools in Goa during the 2017/2018 school year.**

We have also applied for delivery to all 121 middle and high schools to be included.

21,192

Students

757

Schools

