



ANURON ANIYAAN MAHATHO MAHIYAAN

Smaller than the Smallest... bigger than the biggest ...

- By Chandra Shekar, Faculty AUMS&T



What is heritage?

- Our heritage is our inheritance
- what the past has conceded to us
- what we value in the present and
- what we choose to preserve for future generations



Our heritage comprises of:

- The Natural Heritage
- The Cultural Heritage – “It includes both tangible and intangible works through which the creativity of that people finds expression: languages, rites, beliefs, historic places and monuments, literature, works of art, archives and libraries.” (UNESCO, 1982, art. 23)

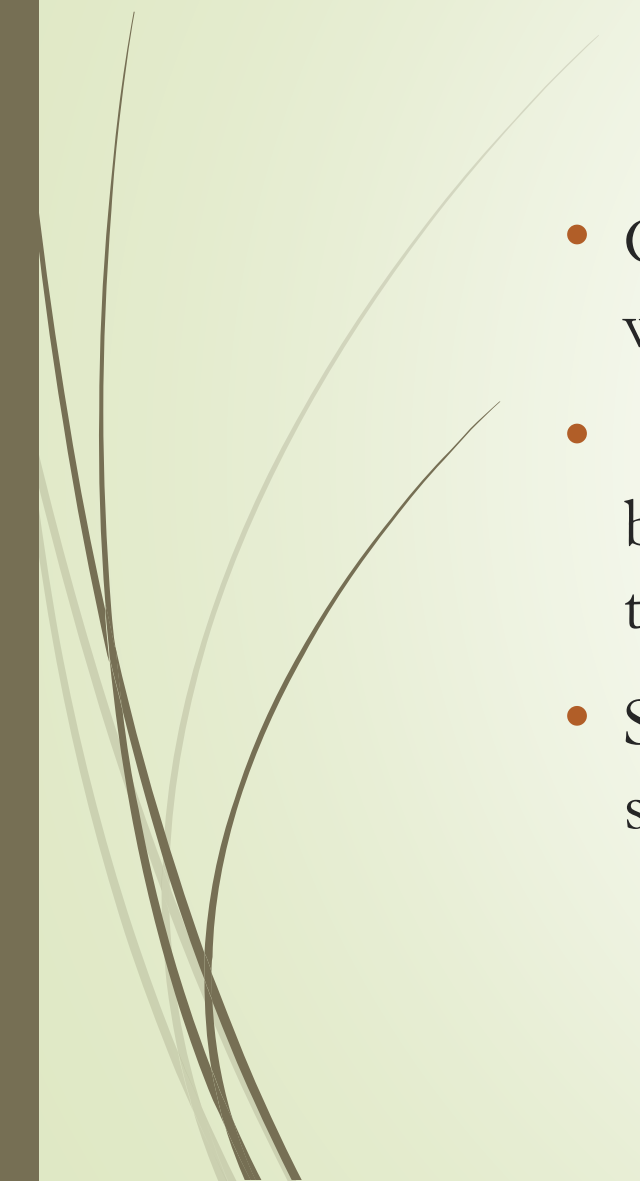
This is of two types:

- a) Tangible Heritage
- b) Intangible Heritage



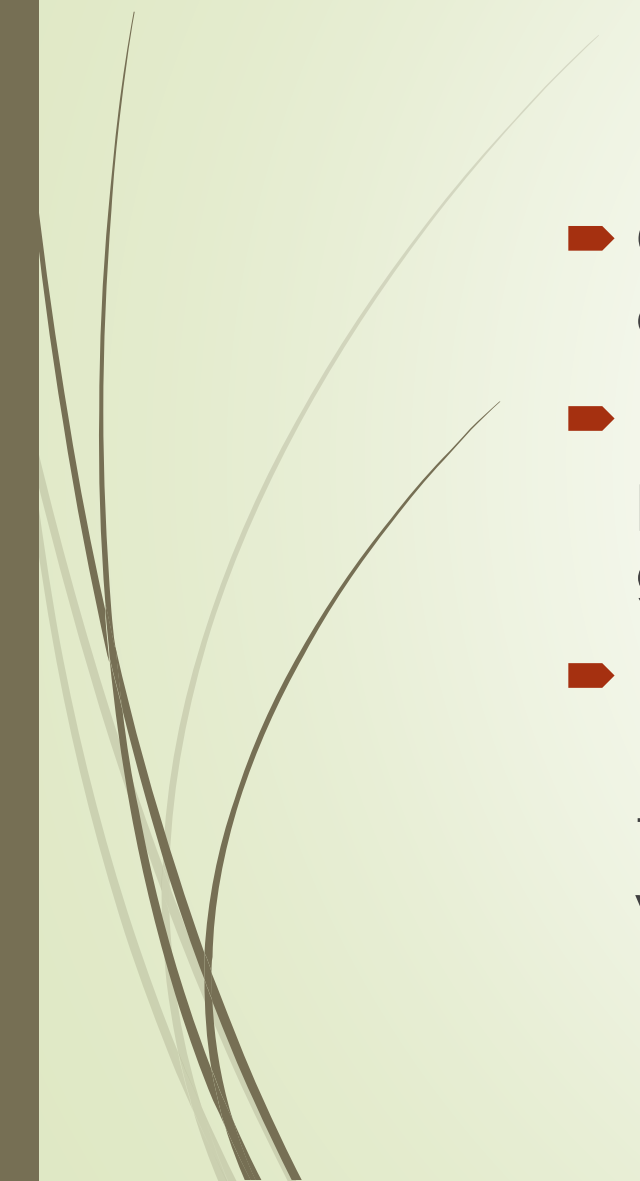


The Natural Heritage

- Our waterways, landscapes, woodlands, bogs, uplands, native wildlife, insects, plants, trees, birds and animals.
 - Indus Valley Civilization was established and spread over the banks of 5 rivers. In the cradles of this type of civilizations, the tangible and intangible heritage resides.
 - So preservation of Natural Heritage is a must. That is our strength
- 




The Tangible Heritage

- Our historical sites, architectural buildings, monuments, objects in museum artefacts and archives.
 - 'Tangible Cultural Heritage' refers to physical artefacts produced, maintained and transmitted inter-generationally in a society.
 - It includes artistic creations, built heritage such as buildings and monuments, and other physical or tangible products of human creativity that are invested with cultural significance in a society.
- 

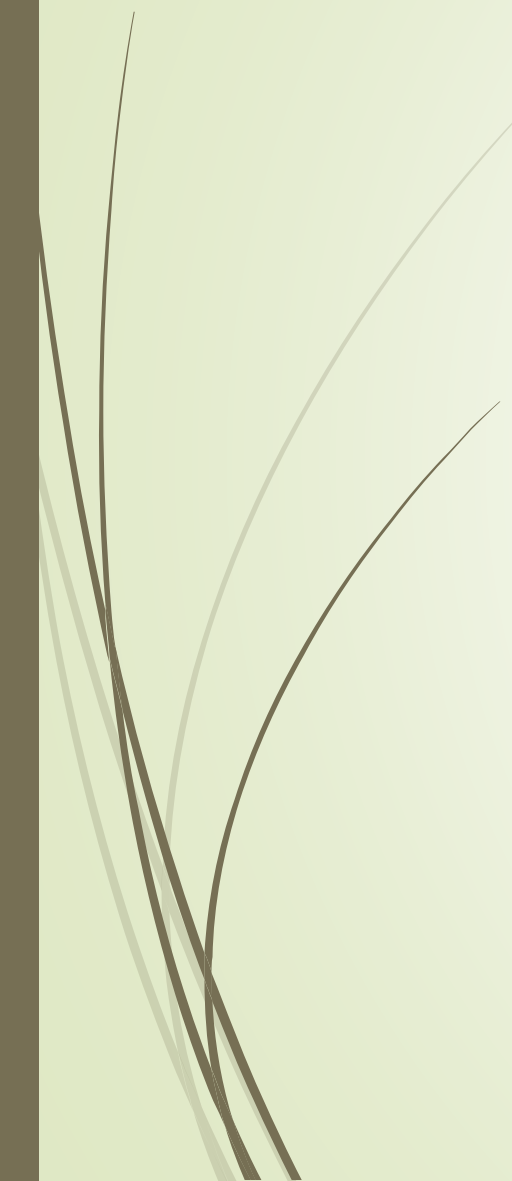


The Intangible Heritage

- the practices, representations, expressions, knowledge, skills
- as well as the instruments, objects, artefacts and cultural spaces associated therewith - that communities, groups and, in some cases, individuals recognize as part of their Cultural Heritage (UNESCO, 2003).
- Examples of intangible heritage are oral traditions, performing arts, local knowledge, traditional skills, customs, sports, poetry, music, dance, folklore and crafts.
- Purana, Itihasa, Veda, Upanishad, Vedanta also comes into this category



Difference between Construction, Architecture and Heritage

- Any building is a construction. But all constructions are not Architecture and Heritage.
 - Architecture is defined as the art and science of designing buildings and structures. A wider definition would include within this scope the design of any built environment, structure or object, from town planning, urban design, and landscape architecture to furniture and objects.
 - Architecture becomes more relevant when it is constructed not just for the sake of building a structure, but in view of making it as a Heritage for the next generation. It is like preserving the sacred
- 



Heritage shapes Our Identity

- - A Heritage asset is an item that has value because of its contribution to a nation's society, knowledge and culture.
 - When the Architectural buildings are passed on from one generation to another it helps to shape our identity. Our heritage becomes part of what we are. Our expression of this identity shows others what we value; it highlights our values and priorities. An inheritance; tradition, customs that may be inherited and something that can be passed down from preceding generations. Festivals, cultural gatherings, folklore and many other customary celebrations add to the Heritage. There is a significant meaning in these celebrations.




Vedic Age



- Rig-Veda, Yajur-Veda, Saam-Veda and Atharvana-Veda scriptures were composed.
- As people began to explore the nature and began to invent new things. Knowledge began to grow.
- India is known as the land of Mysticism also.
- Science and Spirituality both began to flourish.
- Saints (Rishis) were great scientists like Kanaada (who wrote about atoms




Quantum leap in Consciousness

- During this period, people became extra-ordinary.
 - Developed such a kind of knowledge, which is still enigmatic to modern times.
 - FiveFold Art blossomed along with Science and Mathematics
 - Music (Sangeetha), Dance (Natya), Poetry (Kaavya), Sculpture (Kalaa Shilpa) and Architecture (Vaastu Shilpa)
- 




Aural and Visual Arts

- 
- Poetry, Music and Dance became Intangible heritage later on.
 - Sculpture and Architecture got categorized into Tangible heritage later on.
 - They had a grammar behind this Five-Fold Art.
 - Our heritage is filled with this Tangible and Intangible forms of Arts and spread all over the Natural Heritage of our country. But the grammar remained the same.

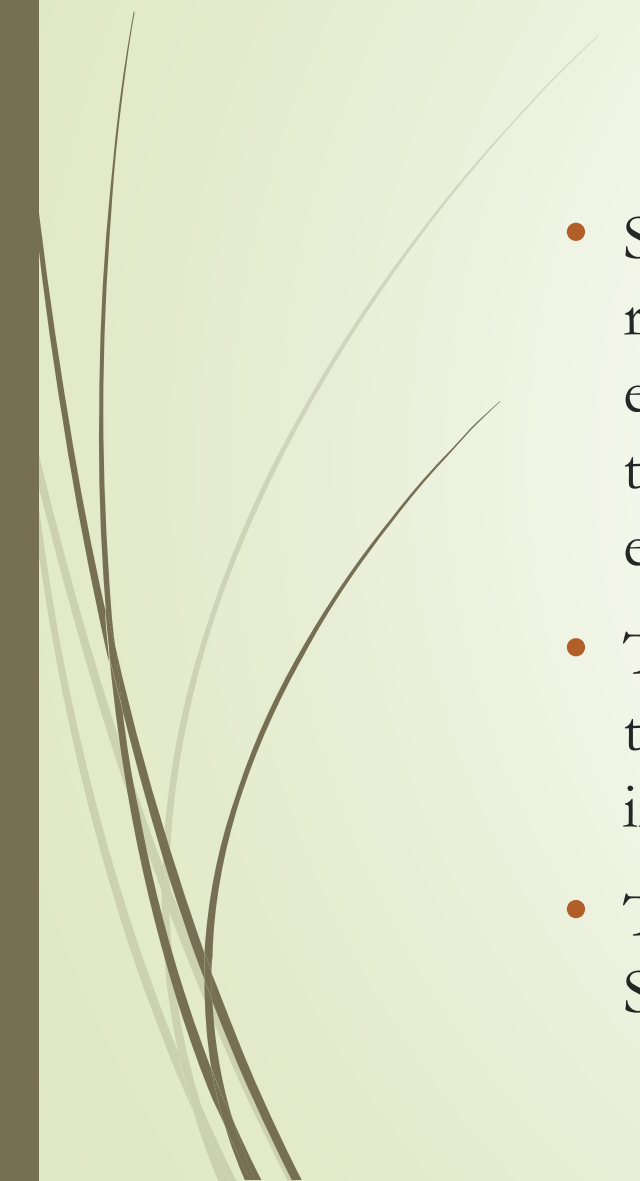


Understanding the Architecture

- 
- Science behind the building of ancient structures
 - They were not done randomly
 - They were done for a specific purpose
 - They were done with a purpose of leaving the Heritage to the forthcoming generations
 - They were done by skilled artisans




Sky and Earth Relationship

- Since ancient times, humans noticed the mysterious relationship of the rhythms of the sky to earthly life. Our life is sensitive to not only the environment and its ambience, but also to the structure and design of the residence we live in, and the type and topography of the plot of earth on which it is built.
 - The Rishis (knowledgeable people) were well aware of this fact, and therefore applied their knowledge to the field of architecture and interior and exterior design of residence and other buildings.
 - This field of knowledge became known as Sthapatya Veda and Shilpa Shastra.
- 

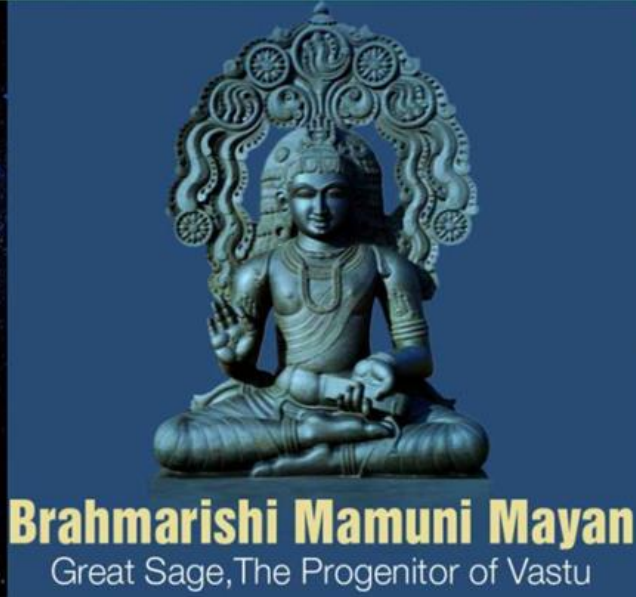


Schools and Scriptures

- Many scriptures and books on this subject were written and many schools of Art and Architecture were established to promote this knowledge.
 - Mayamatha, Manasara, Samarangana Suthradhara, Kashyapa Shilpa Suthra are just few of them.
 - Many ancient universities like Nalanda, Vikramashila, Takshashila had faculties to promote this knowledge.
- 

Sadaashiva samarambham mayamunishwara madhyamam I
Asmadaacharya paryanthaam vande guru paramparaam II

I bow down to all the Acharyas (Gurus) of the lineage which
began with Shiva and then continued by Mamuni Mayan ...



BRAHMARISHI MAMUNI MAYAN

The progenitor of Vaastu

Lived in Kumari Continent
about 10,000 years ago

A great sage, revered by Sage
Valmiki in Ramayana and by
Lord Krishna in MahaBharatha

scientist, poet, carpenter,
musician, master craftsman,
herbologist, sculptor, writer and
multi- talented

Built cities like Dwaraka, Maya
Sabha

Established five fold art namely,
Dance, Poetry, Music,
Sculpture and Architecture





MAMUNI MAYAN'S WORKS



➤ PRANAVA VEDA

➤ The primordial Veda

➤ SOORYA SIDDHANTHA

➤ On Astronomy

➤ AITHIRAM

➤ On Vaastu Science

➤ MAYAMATHA

➤ On Sculpture &
Architecture



Mamuni Mayan's other works include...

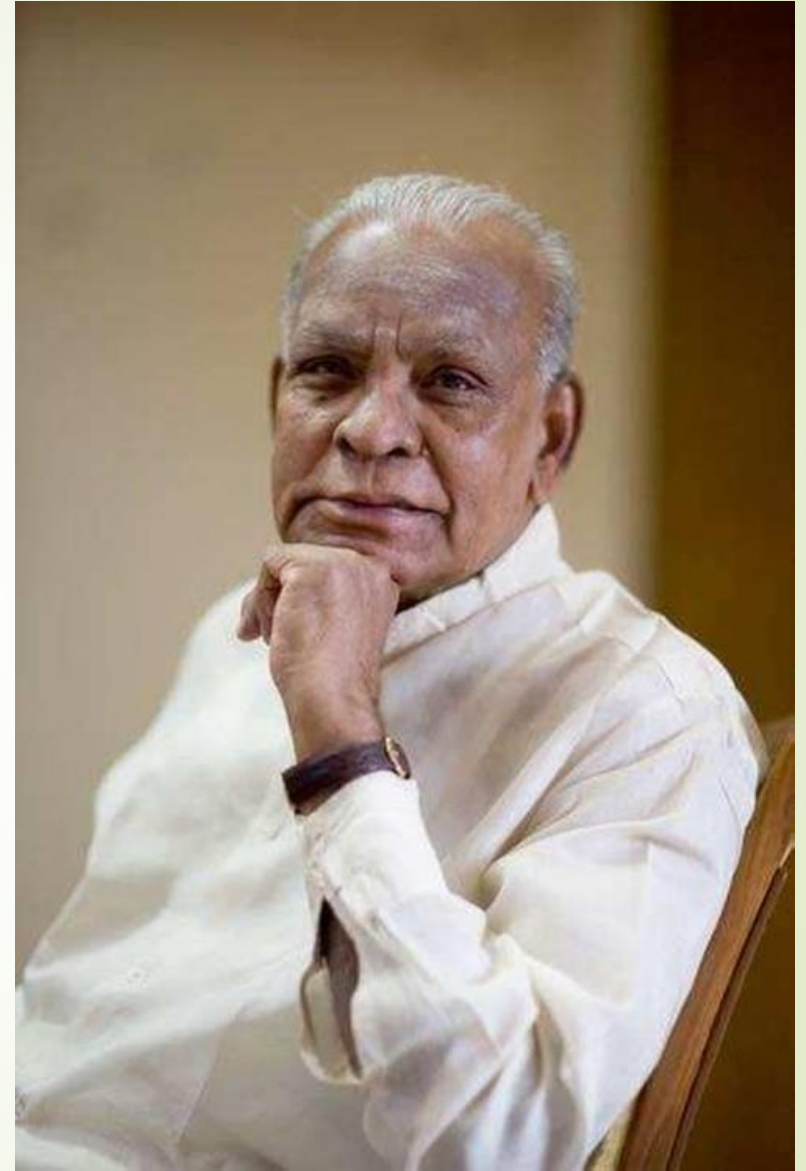
And many more books on

- Musicology,
- Herbology,
- Medicine
- Dance
- Iconometry
- Drafting & painting
- Ship building
- Spaceships

among other interesting subjects...

Surfacing of the lost Science

**Dr . V . GANAPATHI
STHAPATHI (1927-2011)**



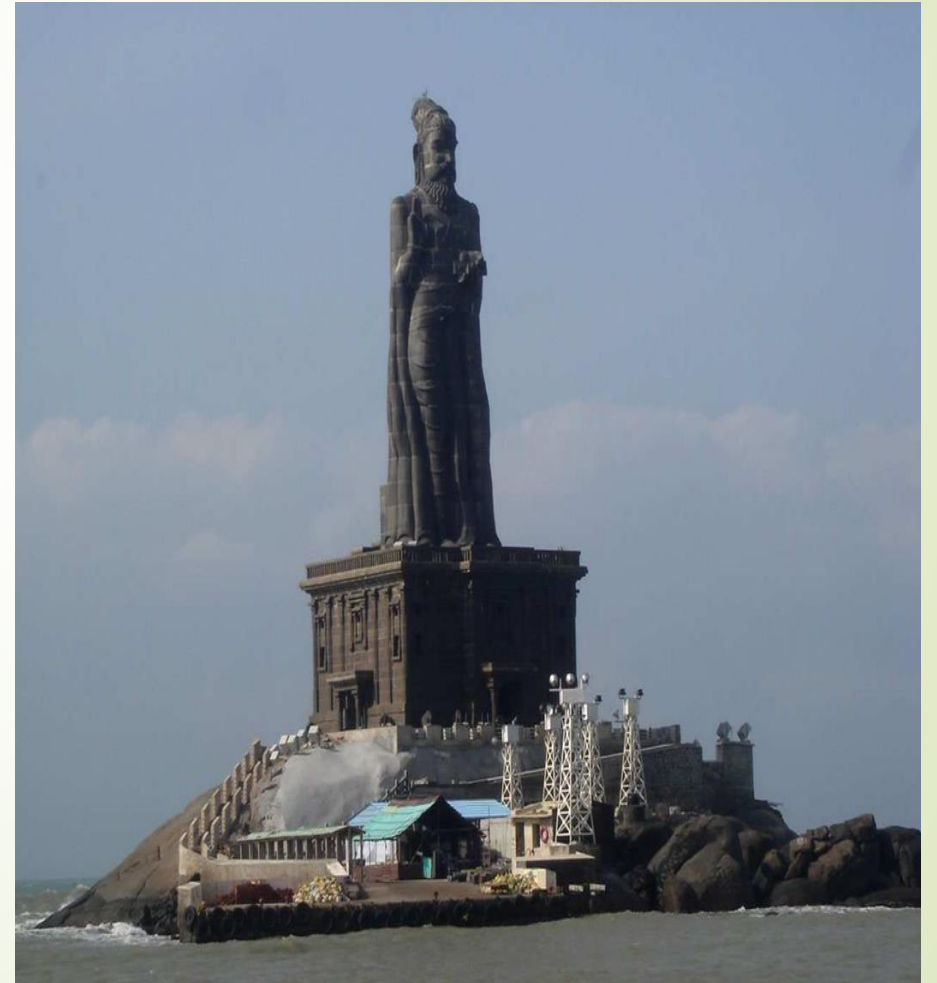
About our Shilpi Guru, Vaastu Vyaasa - Dr V Ganapathi Sthapathi

- Graduate in Mathematics
- Belonged to the lineage of Sthapathis, who build the Brihadeeshwara temple at Tanjavoor
- Served as the Principal of Tamilnadu Govt College of Architecture & Sculpture for 27 years
- Well trained by his father Vaidyanathan Sthapathi
- Coined the word < Mayonic Science and Technology> to explain the science of Vastu and Vaastu.



Achievements of Dr V Ganapathi Sthapathi

- Designed and Sculpted the 133 feet stone statue of Tamil Saint-poet Thiruvalluvar, standing elegantly on the rock island near Kanyakumari, surrounded by waters of Indian ocean...
- Many temples and architectural marvels...



Dr V Ganapathi Sthapathi

Was decorated with the prestigious PadmaBhooshan award by the Govt of India

Trained many shilpins and Sthapathis

Wrote many articles on Vaastu, conducted seminars and workshops to spread the word of Vastu

Wrote and Published very useful books

Shilpi speaks – a series

Who created God ?

The Temple of Space-science

Building Architecture of Sthapathya Veda

Sthapati's visit to Mayan land and

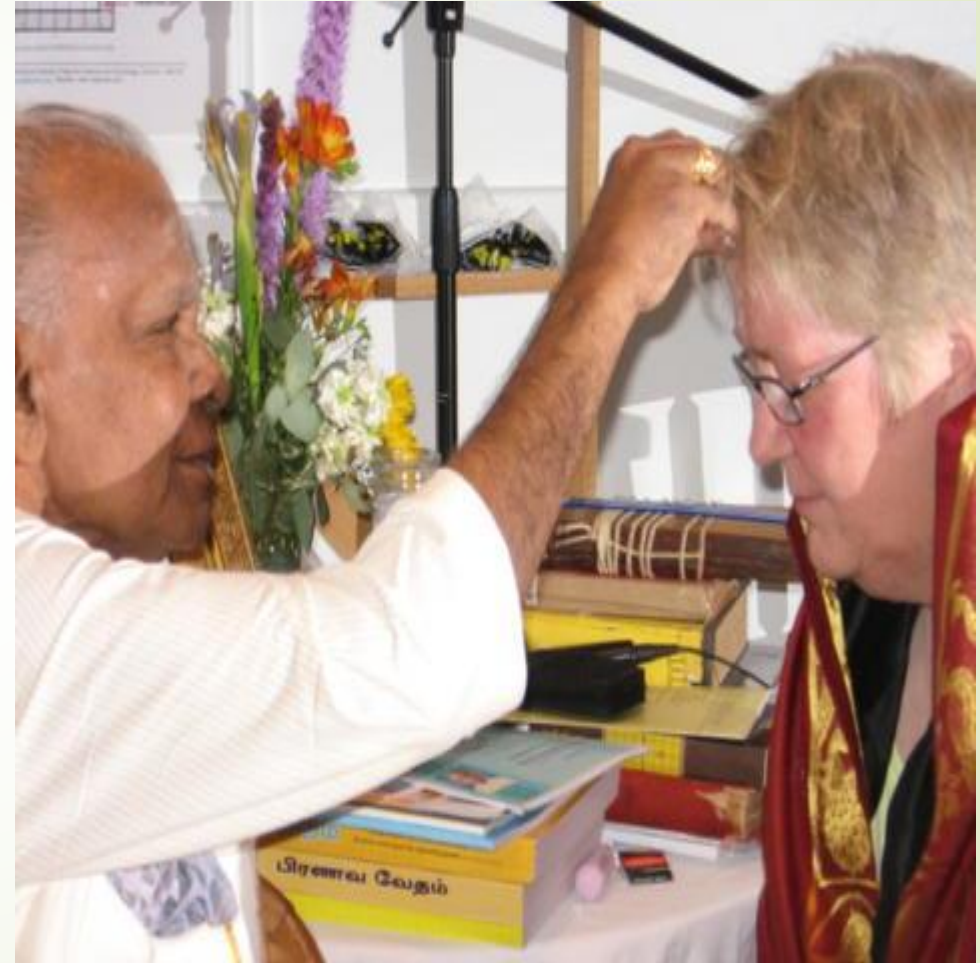


Birth of AUMS&T

To spread the knowledge of Vastu Sciences and Vaastu technology to any interested individual other than Vishwakarma clan,

Dr V Ganapathi Sthapathi instituted an University and named it as - **AMERICAN UNIVERSITY OF MAYONIC SCIENCE AND TECHNOLOGY**

He installed Dr Jessie Mercay PhD (MST) as the Chancellor of the University



Dr Jessie Mercay

- Developed and wrote the core curriculum and textbooks for Vastu education and training at the University and at Bangalore.
- Cornerstone textbook is an extensive Shaastra written in recent times.
- Has written numerous articles and books on Vaastu
- **Fabric of Universe** is the most popular book
- Has designed and built many Vaastu houses
- Specializes in building temple cottages known as Vaastu Garbhas and Dhyana Garbhas, which are her unique invention to bring divine consciousness for humanity's wellbeing, peace and harmony



Vaastu Garbhas – an unique concept



Are the words 'Vastu' & 'Vaastu' same?

Vastu (with single 'a')

- *Vas = to shine, to bestow by shining upon, to go bright, to cause to shine, to enter into, to dwell, becoming light, dawning, the seat or place of, an abiding substance or essence, the pith or substance of something, to co-habit with*
- *Means live or exist. 'to live eternally'*
- *source of material world, yet cohabits with material world as Vaastu*
- *unmanifest, subtle energy, Absolute space*
- *Unmanifest Pure consciousness (Shiva)*

Vaastu (with 'aa')

- *Vaas = to make fragrant or to perfume, an intoxicant, to be or make firm, dwelling place, to assume the appearance of, matter*
- *assumes the appearance of matter*
- *material world exists within the body of Vastu*
- *makes firm, or gives concrete shape, makes fragrant that in which it dwells*
- *Manifest Pure consciousness (Vishnu) – gross*

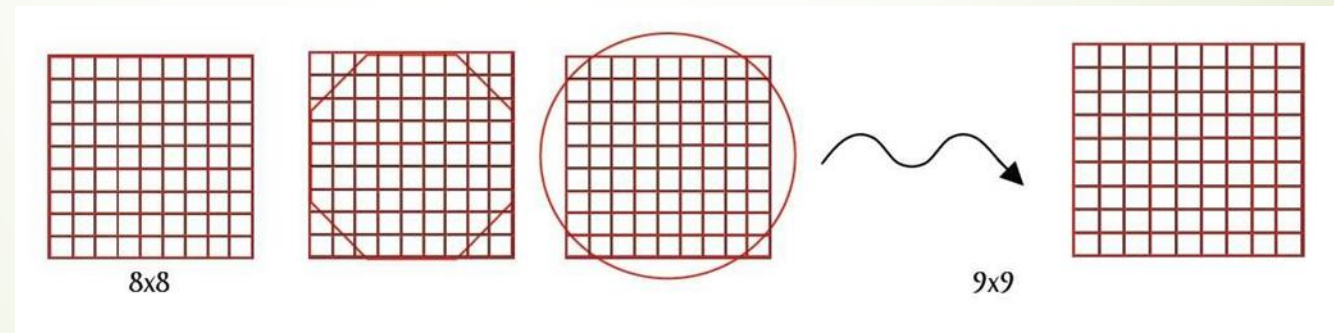
The Self unfolds itself, by it self, for itself - Srimad Bhagavadgeetha


VASTUREVA VAASTU

The Physics of the Divine unfolds !!

Mayan saw that this Unified Field of Energy goes through a very specific process to transform and manifest itself as the material world and its objects, kinetic energy.

Mayan perceived that this process was accomplished through a mathematical order





“ This science deals with the eternal process of the subtle energy manifesting into material space or form.
In short, it is the science of manifestation of energy into matter.

”

-Dr V . Ganapathy Sthapathi

Vastu Science is an ancient science that describes the process through which potential energy turns itself into material form. – **Vastureva Vaastu**

Vastu reva Vaastu

$E = MC^2$

VASTU = VAASTU

TIME = SPACE

RHYTHM = FORM



“

Vastu Science is an ancient science that describes the process through which *Vastu* (unmanifest or subtle energy) turns itself into *Vaastu* (manifest forms and material). *Vastu* written with one “a” refers to unmanifest Absolute Space or Pure Consciousness. *Vastu* written with two “a’s” (*Vaastu*) refers to the unmanifest Absolute Space having taken on its material form – *Vaastu* Brahman. *Vastu* Science then is the science of unmanifest Pure Consciousness and *Vaastu* Science is the Science of manifest Pure Consciousness (*Vastu* as the material world).

”

Vastu Science gives rise to *Vaastu* Science and Technology.

That is, an understanding of *Vastu* Science – the manifestation process – provides the basis for understanding the use of *Vaastu* technology in the relative material world in what are called the fivefold arts. In order to correctly apply the technological principles of *Vaastu*, one must understand *Vastu* Science before one can understand and execute *Vaastu* technology properly (the technology of applying certain laws of nature to building architecture, sculpture, dance, music, and poetry).

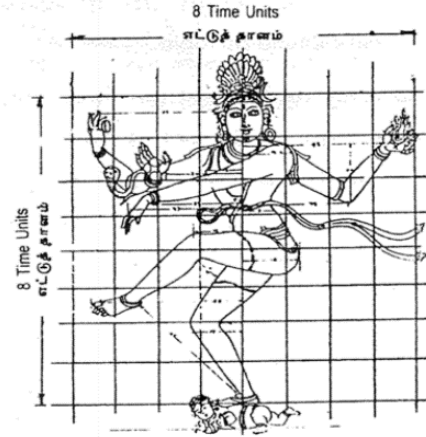
Vastu is unmanifest subtle energy and *Vaastu* is gross energy as seen as the material world. These are depicted in Einstein’s equation $E=mc^2$.



Brahmarishi Mayan

अचिन्त्य अव्यक्त रूपाय निर्गुणाय गुणात्मने ।
समस्त जगदाधार मूर्तये ब्रह्मणेनमः ॥ -मयः

பரம்பொருள் எங்கும் உண்டு பெருங்கலை யாண்டும் உண்டு
பரம்பொருள் உணர்வினாலே ஒளி வழிபாடு கண்டேன்
பரம்பொருள் அருளினாலே திருநடராசன் கண்டேன்
பரம்பொருள் அருளினாலே மாக்கலை படைத்தேன் காண்பீர்



**VAASTU PURUSHA MANDALA
ENERGY - GRID**

"Absolute Time creates life"

"Mathematics has its roots in Time"

"The vibrating element called 'Time' causes this phenomenon"

Prelude to Manifestation process...


Mayan perceived that there is one fundamental Principle from which all life emerges and in which all life resides and then ultimately returns to its original state of pure energy. He named this principle Brahman (Absolute Space, Consciousness, potential energy)

»The field is the sole governing agent of the particle.» - Albert Einstein

»The free space is the unified field of energy and matter and source of all forms that we see in the material world.» - Mayan

The CUBE – microabode – is the first manifestation of Brahman from Shoonyambaram (Cosmic Space) – Mayan in Ainthiram





Akaashath vayuh, vayor agnihi,
agniraapaha, abjayaha prithvi

- Thaittiriya Upanishad

From Space, came Air, from Air came Fire,
from Fire came Water, and water turned
into Earth



The crux of Vastu Science and Technology is the manifestation process called Vastureva Vaastu. This process gives rise to a set of principles and a mathematical order – **the Mayonic Order.**

The application of those principles to poetry, dance, music, sculpture, and architecture gives rise to vibrating living forms. While our focus here is on built space in the form of architecture, the same principles apply in terms of the manifestation process regarding sculpture, music, poetry, and dance.

Technical meaning of word 'Pranava'

Vastureva Vaastu simply means unmanifest pure potential Energy (Vastu) – 8X8 turning itself into material form (Vaastu) – 9X9

Pra- flipping/ changing

Nava- 9

Flipping of 8X8 Unmanifest energy into

9X9 Manifest energy is technically known as, **Pranava**



शिवः - वस्तु पुरुषः - वस्तु ब्रह्म
Shiva - Subtle Space
விண்டுபாருள்



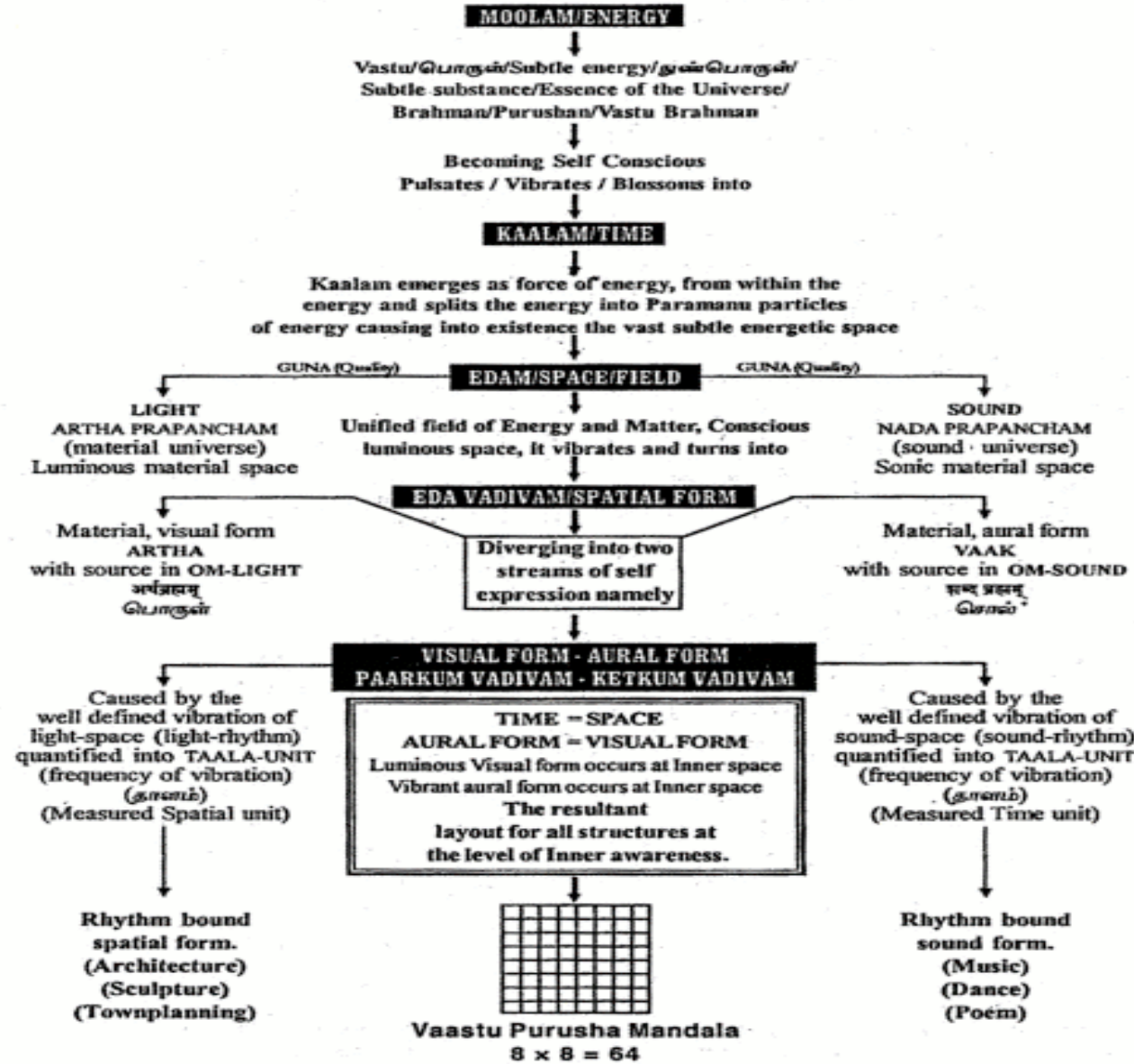
विष्णुः - वास्तु पुरुषः - वास्तु ब्रह्म
Vishnu - Gross Space
மண்டுபாருள்

शिवाय विष्णु रूपाय शिवरूपाय विष्णवे ।

शिवस्य हृदयं विष्णुः विष्णोश्च हृदयं शिवः ॥

अभेद दर्शनं ज्ञानं ॥ (From Skandopanishad)

**THE PROCESS OF MANIFESTATION
OF SUBTLE ENERGY INTO EMBODIED ENERGY**
(Science of form generation and form figuration)



TRI-Dimensionally every particle of space
is a subtle cube of energy, called CHITRAMBALAM or MICRO-ABODE
within which there is a 'shaft of light' or  'shaft of consciousness' vibrating or
performing a 'rhythmic dance'. This is the dance of the DANCER, GOD SHIVA.

The whole universe is filled with subtle cubes of energy called KARU or BINDU or FOETUS.

* Brahman as defined by Mavan, in his astronomical treatise called 'Surva Siddhanta'.

TWO FOLD OM

OM LIGHT & OM SOUND

ABSOLUTE TIME IS THE CAUSAL ELEMENT, THAT EXISTS WITHIN ZERO SPACE

Prior to the emergence of celestial (luminous) space; Before the birth of Earthly Space; Before the spread of celestial luminaries or bodies (Stars, Sun, Moon and Planets including our planet earth); Before the full fledged Material World came into being (Consisting of the five elements); Before the Dynamism of Panasonic Waves came into force; Before the Seven Fold Musical pitches settled down; Before the Space Time units (vibration) came out of cosmic pulses; Before the Light vibrated into Sound, developing into language; The OM Sound emerged from the Space, caused by the vibration of OM Light.

Absolute Time is the creative element that came first – காலமே எவற்றுக்கும் மூலம் – காலமே ஞானத் தோற்றம்

From the above note, taken from Moolathoon / மூலத்தூண் a scientific treatise, it is evident that the SPIRIT CENTRIC LIGHT and SPIRIT CENTRIC SOUND, namely OM Light & OM Sound emerged primarily, in the Zero Space of Cosmos (सून्यांतरम्)

What was there before Big Bang? (Question raised by New York Times, USA, dated 21st May 2001)

Absolute Space -

Described as

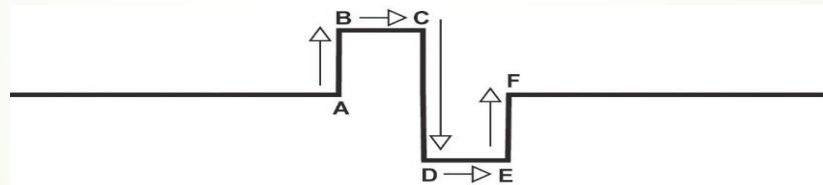
- Para Brahman by Vedic Scholars,
- Creative intelligence by the Artistic people,
- Cosmic Consciousness by New age spiritualists
- Unified field by the Scientists

It is that Cosmic Space, in which everything is in unmanifest form...

Absolute Time-

Mayan says that from a certain point (Eka pada) a Cosmic flame arises, by its own effort. An outside force does not stimulate it. It is autocatalytic.

The act of pulsing or moving within itself, created an element called Absolute Time. Here we see the full range of a waveform pulse.



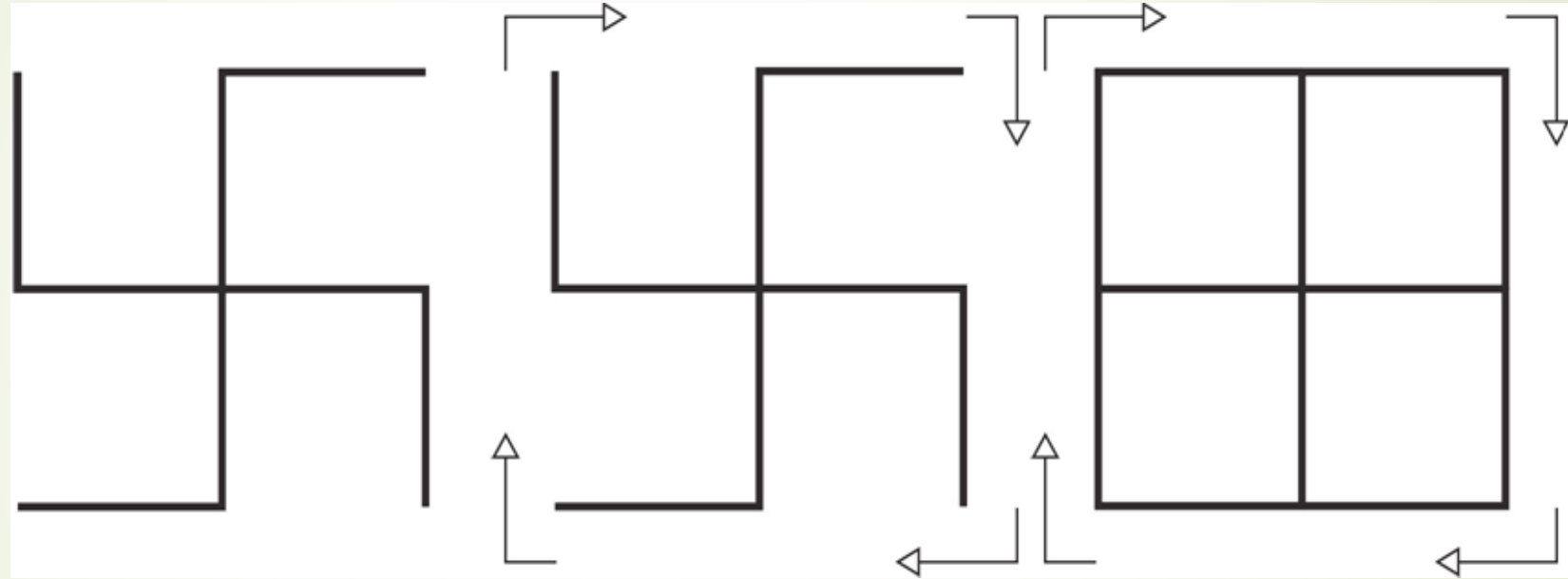
What do we mean by Absolute Time? From the moment that Absolute Space began to pulse (point A) it went through a *time* sequence. That is, it took "*time*" to move from point A to point B; from point B to Point C; from point C to point D; from point D to point E and point E to point F. The pulse rises and then falls back to the steady state— represented as the flat line.



Om Light & Om Sound

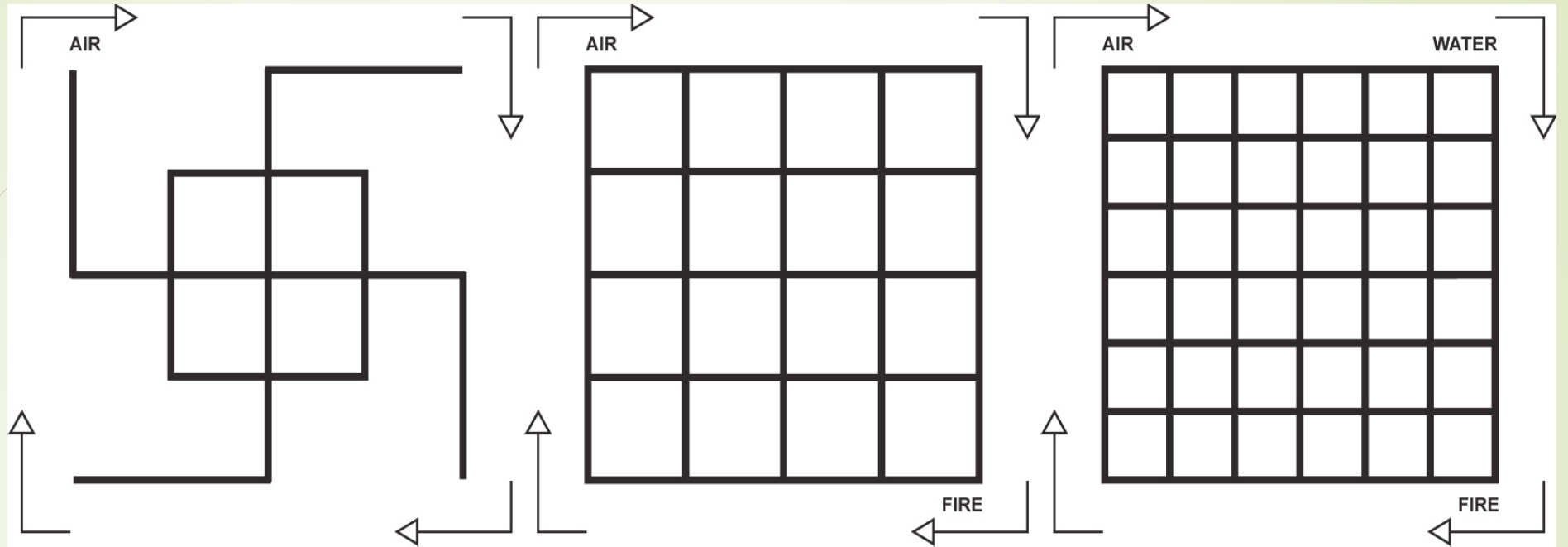
- With the Pulsation of the ABSOLUTE SPACE,
 - ABSOLUTE TIME – element emerges
 - As Cosmic particles rub against each other to move,
 - A Cosmic flare gushes out called as OM LIGHT
 - Along with it, Cosmic primordial Sound also emerges – OM SOUND
-
- Cosmic Thread, Brahmasoothra holds the chords

Self-Spin and formation of Elements



Self-spin – Swasthika

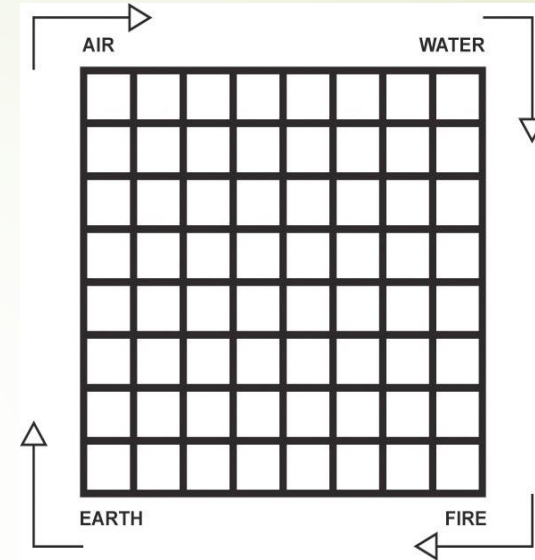
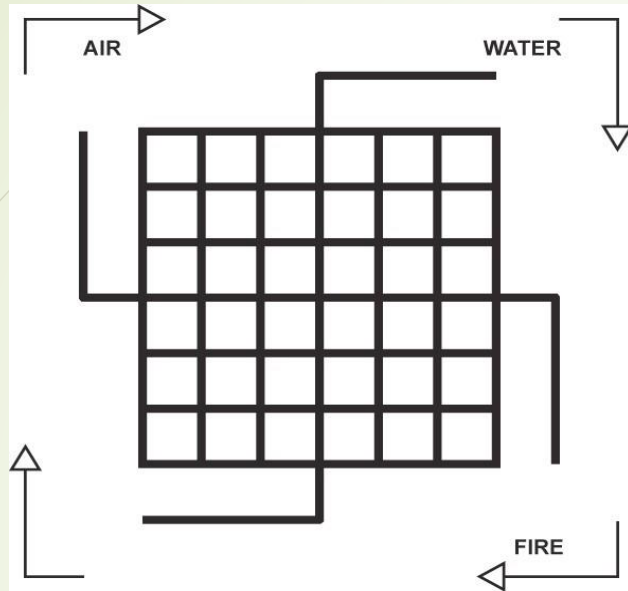
As the commingling of the elements of 1. Absolute Space and 2. Absolute Time continues, a third element 3. OM Light is produced. Then, with the commingling of 1. Absolute Space + 2. Absolute Time + 3. OM Light a fourth element is produced called OM Sound



With the continued self--spin and additive, commingling effect of 1. Absolute Space + 2. Absolute Time + 3. OM Light + 4. OM Sound, we see the formulation of yet another element called Air.

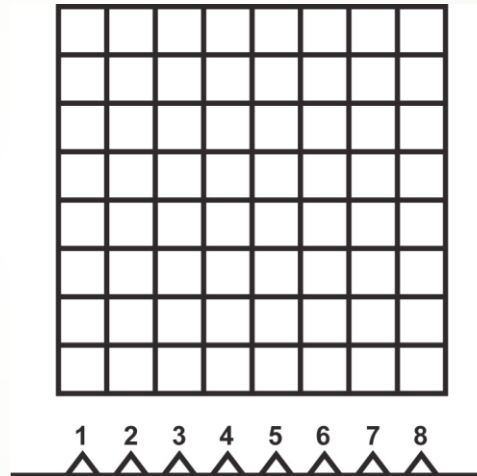
Self--spin continues, and with the addition of the Luminous form of the air element, the micro cube begins to take on more mass as 1. Absolute Space + 2. Absolute Time + 3. OM Light + 4. OM Sound + 5. Luminous Air commingle and coalesce to form another element Fire.

Spin continues and elements 1. Absolute Space + 2. Absolute Time + 3. OM Light + 4. OM Sound + 5. Luminous Air + 6. Luminous Fire commingle to form Luminous Water



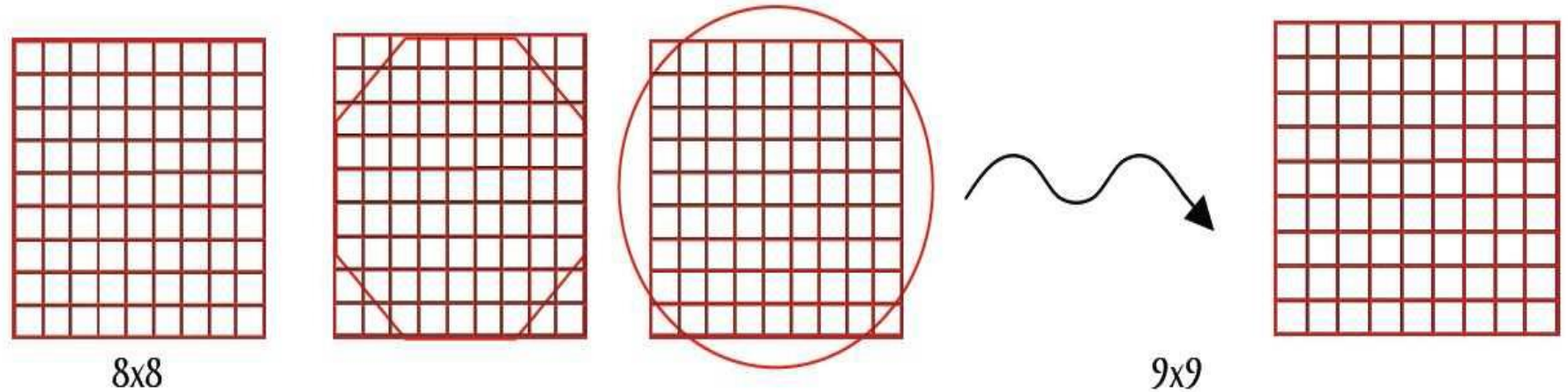
Spin continues and elements 1. Absolute Space + 2. Absolute Time + 3. OM Light + 4. OM Sound + 5. Luminous Air + 6. Luminous Fire + 7. Luminous Water commingle to form 8. Luminous Earth

8x8 grid – Manduka Mandala -- is the fabric of the Unmanifest Universe. It is the unfolding of Absolute Space born of its love for its own beauty and desire to savor that beauty. - Aadi thaala – in Music



This 8x8 Manduka Mandala is a vibrant structure of Primal Space, Time, Light, Sound, Air, Fire, Water, and Earth. It is the manifested movement of rhythm or frequency over the space of the mandala constituted of 64 squares that gives rise to Form. What we have thus far is the invisible process of manifestation. Now we move to the visible process – while invisible to the naked eye, it is nevertheless the transformational process that leads to the formation of all material objects.

8X8 – Manduka Mandala - unmanifest
9X9 – Paramasayika Mandala- manifest

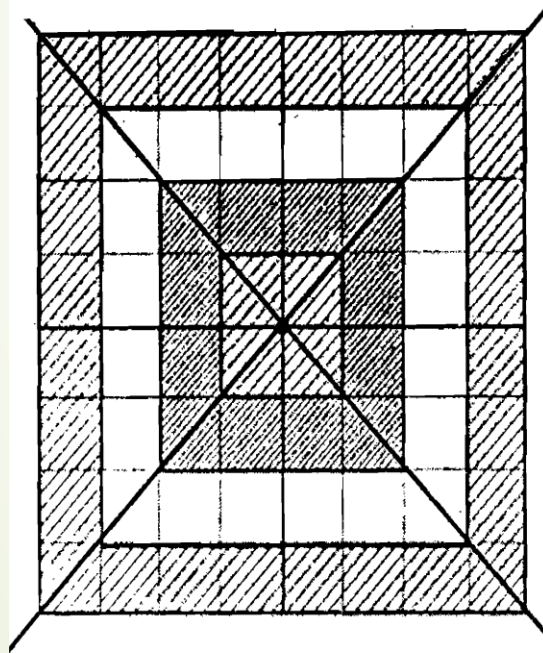


Manduka Mandala – for Temples

Paramasayika Mandala –for Residence

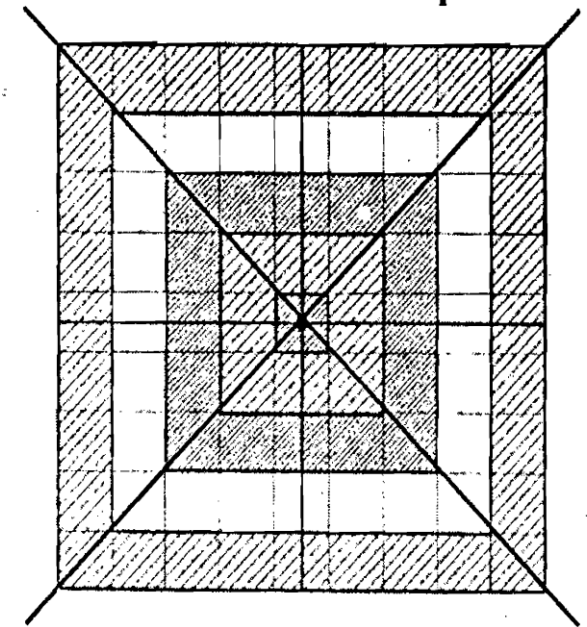
MANDUKA VAASTU MANDALA

8 x 8 = 64 modulated spaces

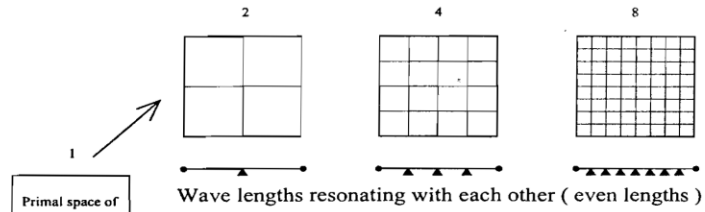


PARAMA SAAYIKA VAASTU MANDALA

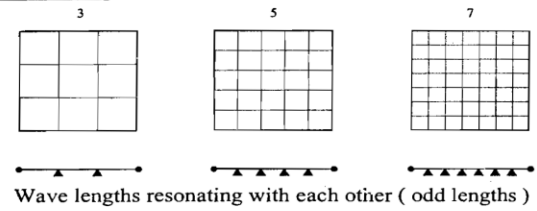
9 x 9 = 81 modulated spaces



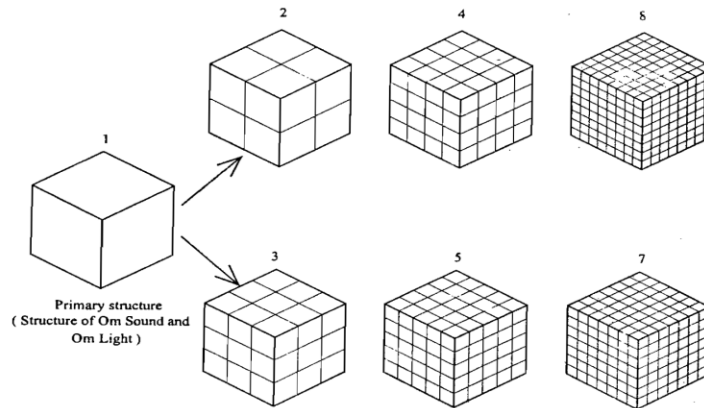
Illustrating even spaces resonating with each other



Illustrating odd spaces resonating with each other

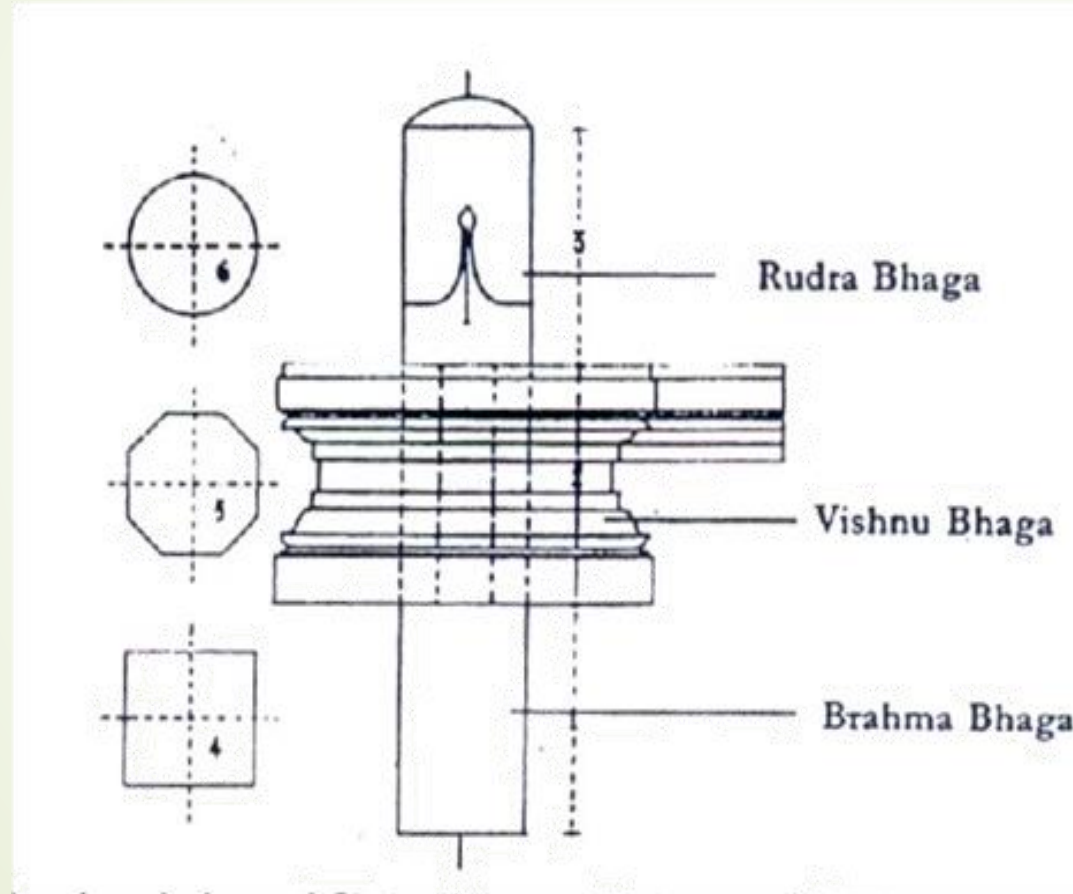


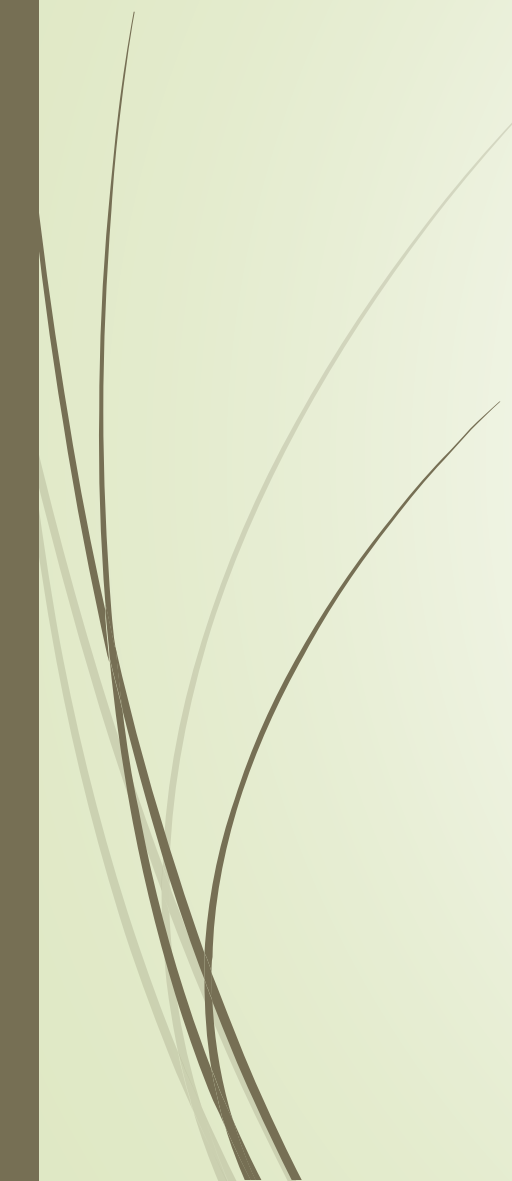
Structural resonance of even grids



Structural resonance of odd grids

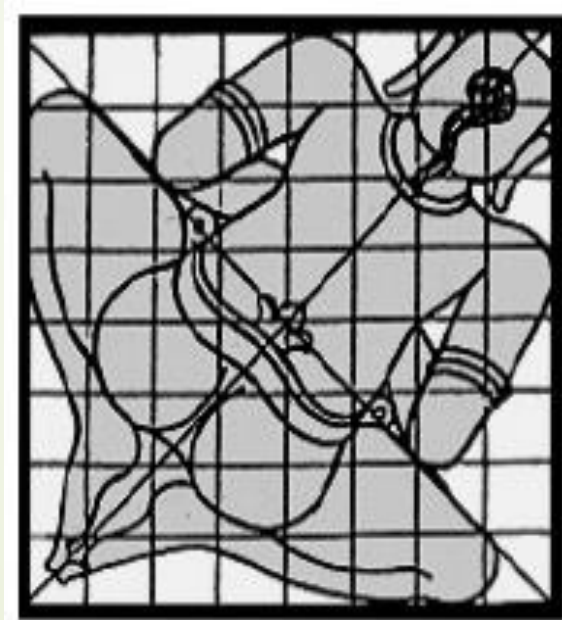
Crux of Vastu & Vaastu



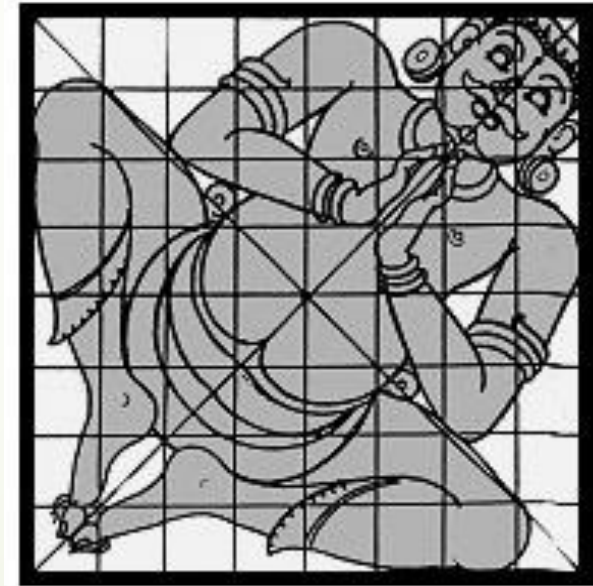


Observe the Difference !!

- Facing Earthly Space- Energy into Matter- Vaastu Purusha



- Facing Cosmic Space- Matter into Energy- Vastu Brahman



Vaastu Gurukulam !!!



**American University of
Mayonic Science & Technology**
Patagonia, USA

www.aumscience.com | aumsciences@aumscience.com

VAASTU SHASTRA

The Science of Consciousness and Matter



www.aumscience.com