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Column: EDUCATION  
"DESHDOOT TIMES"

# The Mysterious Energies Within and Around us

(Part 4)



Dr. Prabhat Kumar Poddar

d'etre for these ancient

architectural practices.

The understanding of these subtle energy fields which had been mastered by our ancestors is necessary in order to learn how to apply them effectively under the constraints and limitations one is faced with today.

## The energy of forms

In an attempt to establish visual proof of the effect of different radiation fields on the body, experiments in Kirlian photography were carried out. This process uses the electrograph to photograph the aura of fingers, objects etc.

The Kirlian photograph of a finger of a person shows an 'ionic' charged layer surrounding the living substance which has two aspects;

- under normal circumstances an even distribution consisting of a cloud-like inert zone called the 'corona'
- a filamentous zone termed streamers.

The experiment detailed here was designed to understand whether there exists an Energy of Form, and the pattern of radiation due to different forms.

- The solid area is equivalent to the cutout area
- The basic dimensions are the size of the square 4 cms for one set and 5 cms for a larger set.

It amazed us to actually find that there is an energy of form that varies according to the geometric form selected, as can be seen in the photographs. The interpretation of this experiment and results can be summarized as follows:

a) The hairy lines or streamers emanating from the form indicate that there is one flow of energy towards the interior and another flow towards the exterior.

b) The area where there is no energy, linking the corners in the squares, triangle and rectangle, indicates a movement of energy outwards from within as can be

seen from the photograph of the fingers of a person taken without the form (control photo), and then within the form, wherein we see that a considerable loss of energy has taken place from the individual's energy fields.

Another set of experiments, where a person was asked to keep his finger in the following forms, first in the square, then in the triangle, thereafter in the rectangle, and finally the circle, all with approximately a two minute interval in between, has given us very interesting results;

- The square, the triangle and the rectangle seem to have a rather strong impact upon the energy fields of the body, as the body field progressively diminishes and practically disappears.

- But the circle, surprisingly, restores the energy lost due to the other forms. Is that why instinctively all primitive societies have their huts/igloos in a round form, to prevent loss of body energy?

Work and study is necessary for understanding these complex radiations of energy of various forms, their interaction with orientation, proportions, and the various rhythms and energy fields of nature and human beings.

(Architect Dr Prabhat Poddar is director, Geogobiology, Research Centre for Applied Scientists' Research at Pondicherry)

alignments, the layout of the different rooms, all these and more, are factors, that, if considered at the design stage, help the harmonisation of energy fields and their effects on our body. The subtle relationship that exists between the orientations (*dishas*) and the different types of energy radiations that relate to energy axes in our body, is the key to understanding the relationship between the energy fields of man and buildings. Basically, the orientation of buildings according to their forms, materials used, proportions, etc. play a very powerful role in creating either the right or harmonious environment or a wrong and negative environment that affects us socially, psychologically, mentally and spiritually.

The form of a house/apartment, etc., creates an energy field that is termed the central Energy Point of Energy of Form, which is a Cosmo-Telluric Energy Column, radiating in ten directions; east, west, north, south east, nadir and zenith all earth, environmental and cosmic energies coming through and existing in the place concerned. These directly affect the human body at the different points of our *chakras* or energy centres, not necessarily the same for man and woman, from above the head to below the feet.

The form, proportions, orientations and materials used in the house or apartment create another set of energy fields that are complementary to the central Cosmo-Telluric Column or Energy of Form, and which affect the energy fields within the house with respect to the six orientations and the nadir/zenith at each of these eight orientation points.

This understanding of the relationship of the various subtle energy fields with the energy axes of our body and with the ten orientations is the prime factor harmonizing us with our built environment. We do not then have to worry about how to neutralise each radiation source separately; we have to harmonise them by acting on the eight outward orientation points, and on the ninth, which is the Central Cosmo-Telluric Energy Column or the Energy of Form.

### Geobiology

Geobiology has only recently come into its own. There are various areas other than those mentioned here in which research is ongoing; Kirlian photography, for instance, through which it is possible to establish visual proof of the effect of different radiation fields on the body, in addition to investigating the energy of various geometrical forms and their effects on us. Integral to the science, of course, is the study of ancient texts such as the *vastushastras* in India or Feng Shui in China, as well as the approach and techniques used in ancient Europe, Egypt, South America, etc. all ancient cultures had developed an understanding and knowledge of the subtle effects of various energy fields and incorporated these into their structures and buildings which survive today, and whose study helps us rediscover this ancient knowledge, and more important its application the *raison*

IN THE ANCIENT Indian and Far Eastern cultures the earth energies (Bio-Electro-Magnetic grid radiations and radiations of underground streams of water, faults in the earth, cavities below surface etc.) were all graphically represented by snakes. *Garduda* holding snakes under each claw and not allowing the snakes to mingle or cross, signified mastery over these earth energies. The ancient Chinese and Tibetans symbolised these earth energies by dragons; and some ancient Europeans cultures by wyverns (Fig 12, 13 and 14).

In man, each cell of the body is like a radio receiver with its own characteristic frequency at a wavelength of 22cm. To receive other frequencies, the cell needs an electrical potential of 70 millivolts, corresponding to 11,000

Bovis, which it draws from the liquid that forms 97 per cent of the cell in a young child and 60 to 65 per cent in an adult. Each cell in the body receives fundamental energies in the form of vibrations from the earth and nature. In our present technological world, man is being inundated not only by the telluric and cosmic energies, but by many more negative energy radiations such as those due to the generation, transmission, utilisation of electricity, television antennae and tubes, overhead and underground water tanks, reinforced cement concrete buildings and structures, synthetic materials and clothes; the list is unending. Also, we are more affected by these energies at our place of sleep and our place of work, as the body is stationary for a longer period at these places. These negative energy fields disrupt the vibrational energy of the cells in the areas they intersect in the body resulting in disease over a period of time.

### The Architectural Relationship

In the already built environments, one can only study the different kinds of energy radiations, and find ways and means of harmonizing and neutralising them. This is very much more complex and difficult as it is not normally possible to rebuild or reorient the building. In a new structure a lot of things can be easily taken care of in establishing the right energy levels by the use of materials such as lime, sandstone, limestone, marble. But, to be effective, these need to be fixed in lime mortar instead of cement. Ideally, at the foundation level, if we can spread a 2 inch or 5cm layer of pure lime before laying the brick jelly or lean concrete, it helps further harmonize the radiations coming through the ground. In concrete too, if we can replace granite by sandstone, limestone chips it is a big help. In Europe today, the effort is to develop a new range of products paints, varnishes, preservatives for wood, etc., which have only positive radiations. To a large extent using the right natural materials helps. Steel reinforcements in columns, beams, slabs and walls, create a sort of cage of Faraday. We could say that we are living in a highly charged environment between two plates of a condenser. To neutralise this it is necessary to establish good earthing for the steel reinforcements so that the ionisation factor is neutralised and the body, therefore, not stressed. The form of the building, its orientation, the symmetry of its door and window openings and their proper

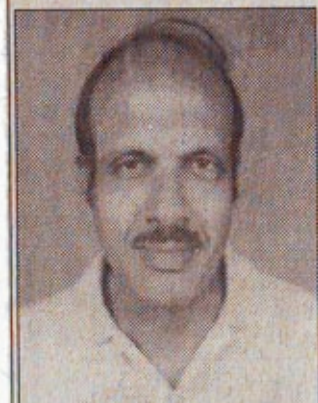
THE CAUSES of these variations are still a matter of research, but it is amazing how our forefathers had an exact and intimate knowledge of these energy fields, their direct and

# The Mysterious Energies Within and Around us

—The trunk, termed the vital zone  
 —The leg, termed the physical zone  
 —The entire body, termed the psychic zone)e.

(Part-2)

12/1/2003



•Dr. Prabhat Kumar Poddar

subtle effects on the human body, and amazing too how they developed the ways and means to master these fields and manipulate them to the desired intensities for our benefit. In most ancient religious buildings, the presence of an underground body of water is a must, as water also emanates BEM energy fields. The classic example is that of the famous Cathedral of Chartres in France, where water currents have been used and created to give the necessary permanent vibrational support. We still wonder how and why they built the water channels at the depth of 37m (over 100 ft. deep) and why at Chartres the height of the central dome above the ground is also 37m (fig 6 and Fig 7).

All living creatures in nature are very sensitive to these invisible walls of the different telluric BEM grids. Cats are found to thrive on negative energies, and will

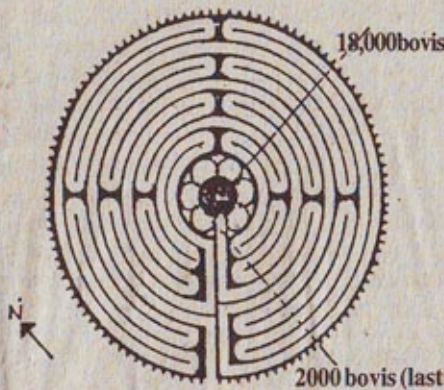


Fig. 7 The labyrinth of the Cathedral of Chartres

for them to become normal. Underground nuclear explosions disrupt BEM grids over the entire surface of the earth for days on end.

## Measuring Energy Levels

There are very accurate ways of measuring the various energy fields existing around us, with simple unsophisticated instruments such as the Lecher Antenna (Fig 8) and the Biometer, a scale developed by a Frenchman, Antoine Bovis, and his colleague Andre Simonton. Due

the frontal and dorsal sides of the body respectively, with respect to a standing person. These are the:

- vertical axes
- horizontal axes
- perpendicular or transversal axes
- diagonal axes

These sets of 4 Frontal Energy Axes and 4 Dorsal Energy Axes are found in each of the 4 zones of the body, and their position in each of these zones is indicative of the mental, psychological physical, and psychic well-being of an individual.

These energy axes of the body are not self-existent, but are dependant on three sources of energy that animate them:

- The Sun (from sunrise to sunset) *Ida Nadi*
- The Moon (from moonrise to moonset) *Pingala Nadi*
- The Earth (24 hours, all the time) *Sushumna Nadi*

This complex dependance upon three sources is logical, for the sun and moon follow independent cyclic patterns. Between the setting of one and the rise of the other, the earth's energy provides continuity.

Thus we have two systems constantly working in our body:

- the Cosmic or spiritual/psychic system which is solar or lunar in nature and works through a chakra 15cms above the head directly on the

- psychic axes or the solar plexus
- mental axes or the eyes
- vital axes or the navel
- physical axes or the ankle
- the Earth, telluric or inconscient/subconscious system which works through a chakra about 15cms below the feet directly on the:

- subconscious axes or the knees, opposite in polarity to that of the psychic axes or the solar plexus

Antoine Bovis, and his colleague Andre Simonton. Due

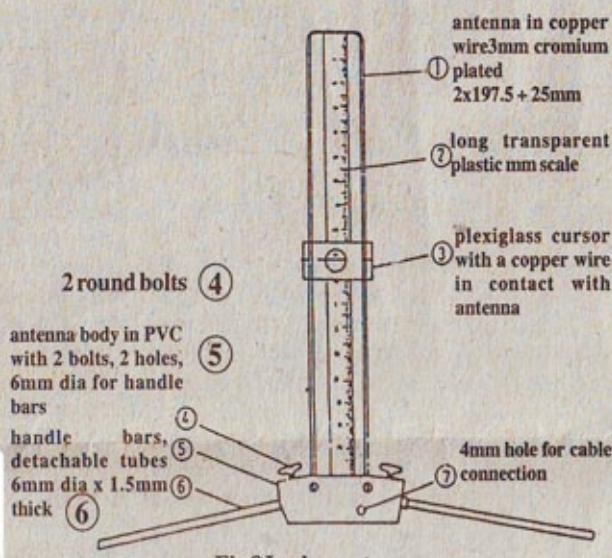


Fig 8 Lecher antenna

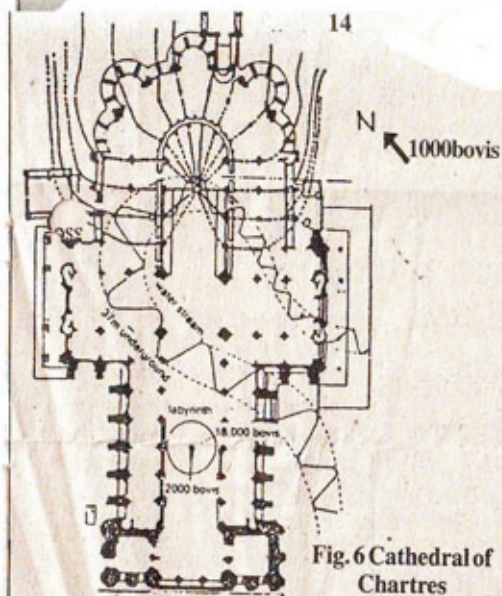


Fig. 6 Cathedral of Chartres

to a lack of consensus on what to call these units of energy, they are termed Bovis. On the Bovis, scale, therefore:

- 0 Bovis represents no energy
- 6,500 Bovis is the normal human physical body energy if there is no disease of any kind in the system. An indication of lower physical energies of the body is a sign of disease, infection or a medical problem. The lower the body's energy the more significant the disease, ultimately leading to death.
- 6,500 Bovis to 16,000 Bovis are the energies of the different *chakras* of the body; these are also reflected in different cultures as concentration of energy in the sanctum sanctorum or *garbhagriha* in churches, temples, mosques etc.

In churches for example, around the cross, the energy level has been measured at 11,000 Bovis corresponding to the energy level of the heart centre or the *Anahata Chakra*. (The energy level around the cross is different, for example, between a Protestant or a Lutheran church). The ringing of church bells creates vibrations at 11,000 Bovis. In mosques, the energy level. Efforts at understanding the various kinds of energy fields in the body, which are fundamental to the understanding of what affects them revealed a number of complex phenomena:

The form of the body and its divisions lead naturally to four zones:

- The head, termed the mental zone

- mental axes or the eyes
- vital axes or the navel
- physical axes or the ankle

The other different energy axes of the body that exist and are dependent on the two Cosmic and Earth systems, are:

- Colours, the VIBGYOR range violet, indigo, blue, green, yellow, orange, red
- Organs of the body, which explains why we are physically affected when mentally or psychologically disturbed

- Electric Magnetic Thermic radiation fields of the body, which in turn are affected by the Bio-Electro-Magnetic radiations caused by electricity, televisions, radios, telephones, pipelines—sewage, water, drainage, gas underground streams of water, faults in the earth, etc.
- The Elements — fire, air, water, earth, metal, wood
- Planets and the Zodiac

- Human relations — father, mother, brother, sister, son, daughter, wife/husband/friends and ancestors.

An important revelation that emerged from this complex study of the energy axes of the human body was their relationship with the orientations. Put very simply:

- The vertical and horizontal energy axes of our bodies are aligned with the cardinal directions: east, west, north and south.

- The transversal and diagonal energy axes of the body are aligned with the diagonal directions: north-east, north-west, south-east, south-west. (Contd. on next Wednesday) ( Dr. Poddar, the writer, is the Director, Geobiology Research, Shri Aurobindo Institute of Applied Scientific Research Trust, Pondicherry)

always locate the Hartmann or Currie or other BEM grid nodes of 2,000 Bovis or so, for recharging themselves. (Perhaps therein lies the reason why cats were made companions of witches!) Ants are also known to locate their ant hills on similar grids nodes, points that are harmful for man, whereas dogs, horses, cows, sheep, etc. will always find positive or natural energy grounds for recharging themselves, areas that are beneficial for man. Studies have shown that 12 hours before an earthquake tremors are felt anywhere in the world, the BEM telluric grids undergo the grids encircling the entire globe are badly shaken, and it takes about half an hour after the earthquake

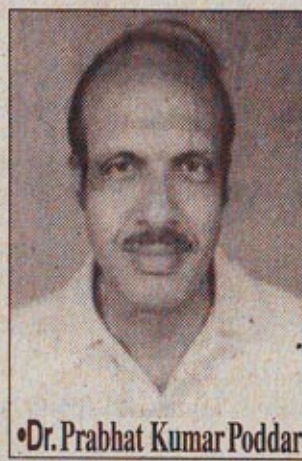
THE IMPORTANCE of this discovery lies in the fact that by orientating our bodies in space, we automatically align our energy axes and bring them back to their rightful positions. This knowledge is the reason for the great importance given to the *dishas* in all cultures, and the stress in different cultures in orientating buildings according to the *dishas* is around 12,000 Bovis in front of the east-facing niche, corresponding to the energy level of the throat centre or *Vishudha Chakra*, and therefore, the importance of the call of *themujahideen* to the faithful and to Allah, which interestingly, also vibrates at an energy level of 12,000 Bovis.

# The Mysterious Energies Within and Around us

(Part-3)

energies by themselves such as sandstone, marble etc. There are others that have very high negative energies; diamonds and some other gems, granite and quartz, the latter having the terrible effect of *vasco constrictus* or constricting the flow of blood in the vessels.

19/1/2000  
DESHDoot TIMES



Dr. Prabhat Kumar Poddar

level of the swastika (Fig 11) or the *satya*, as it is known in India. Drawn, printed, or used in sticker form, it has a formidable positive energy level of 1,000,000 Bovis (1 million or 10 lakh Bovis). The swastika used by Hitler (at 45° to the cardinal axis) has a terribly low energy level of 1,000 Bovis. The swastika

in reverse, has the same energy level as the *satya*, but is totally negative.

There are things in nature that have very high positive

## The Pyramid

Despite all the scientific advances of today we still know very little compared to every culture, about the relation of forms and energies. This, briefly elaborated, stated that any forms, geometrical or other, creates a concentration or dispersion of cosmic and earth energies, which are then harmful or beneficial to man. An outstanding example is the pyramids of Egypt, now known to be based on certain golden proportions of the dimensions of the base and height and upon the orientating of any one side of the square base of the pyramid to the magnetic north. There are two kinds of phenomena that are observed:

1. A concentration of energy that takes place around the vertical axis passing through the apex of the pyramid, at 1/3 the height from its base.
  2. An energy coming out of the summit of the pyramid in a spiral form.
- Some of the important phenomena observed of the energy concentration within the pyramid (on models

made of stone, wood, paper, boards, plastics, but without any metal in any form) are:

- Food will not get spoiled, will dehydrate, and if kept for a long time, will mummify.
  - Milk does not get spoiled but becomes cheese over a period of time, without any additives.
  - Blades or knives get back their sharp edge if kept for a sufficient number of days.
  - Grains germinate quickly, are healthier and grow faster than those planted outside.
  - Water kept in the pyramid acquires interesting medical properties that help rejuvenate the skin, heal cuts and eliminate medical problems, etc.
  - Larger pyramids where a man can lie down or sit, also help cure certain medical problems and help operations carried out on any part of the body heal faster.
- Some of the phenomena observed with the energy spiralling out of the summit of the pyramid:
- In a room, if a pyramid is kept near any rotting

substance it helps clean up the air and eliminate all noxious smells.

- Pyramids kept under a bed help get a sound and restful sleep.

Mathematically, pyramids are projections of hemispheres, and the famous Pyramid of Cheops in Egypt, in its proportions and location, is perfectly related to the dimensions of the earth. If the effect of this form can be seen to be so intriguing, what about the effect on us of other shapes, proportions, volumes, orientations, materials used in ancient and modern architecture? Surely those too are worth investigating.

(To be concluded on the next Wednesday)

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12,000 Bovis

In the Tibetan temples, the energy level is around 14,000 Bovis in the *garbhagriha*, corresponding to the *Ajna Chakra* (between the eyebrows). Incidentally, the Buddhist stupa, because of its proportion and form, radiates an energy of 12,000 Bovis, which has a beneficial influx, besides subtly attracting the individuals to spiritual centres for recharging themselves (Fig 9). The Tibetan prayer wheel containing a mantra written on parchment or tissue, when turned, makes the environment vibrate at 12,000 to 16,000 Bovis

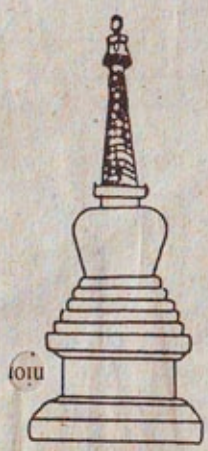


Fig 9 Buddhist stupa

(Fig 10). Positive and Negative Energies:



Fig 10 The Tibetan prayer wheel

These particular vibrations created by forms and their proportions are independent of the material they are made of, whether it be wood, metal, silver or gold. Woven or even printed on paper, the energy level of every symbol or *yantra* or *mandala* remains fixed. Unfortunately, it is yet to be established how the ancient masters built so as to arrive at such specific high energy fields. Furthermore, as the body is not used to being in high energy environments, we find that in all religious buildings there is a progression of energy fields from the entrance



Fig 11 The *satya* (+ 1,000,000 Bovis) Hitler's swastika (1,000 Bovis) Reverse swastika (- 1,000,000 Bovis)

to the sanctum, reflected in the many doors or changes in plinth level, as well as a demand for celibacy to help priests withstand exposures to these high energy levels. A good example of the power of a symbol is the energy

### The Pyramid

1 Each flat face of the pyramid was designed to represent one curved quarter of the northern hemisphere, or spherical quadrant of 90°

2 The Pyramid is designed so that for all practical purposes it accomplishes the squaring of the circle the pyramid's base is a square whose perimeter is equal to the circumference of a circle whose radius is the pyramid's height.

3 The mathematical secret of the pyramid (explained by the temple priests to herodotus) is that the area of each of its faces is equal to the square of its height.  
Area of triangle =  $356x - 440 = 78,320$   
Area of square =  $260 \times 280 = 78,400$

4 Also the proportion (half the base) =  $\phi = 1.618$   
This is what is known as the golden section denoted by the greek letter phi extensively used in the renaissance. This proportion can be worked out only Graphically.

5 The Egyptians also discovered the relationship between  $\phi$  and used this relationship in their architectural and sculptural designs