

# **ASHA VAHISHTA**

## **THE TRUTH - KNOWLEDGE**

Religion begins by telling us how the earth was made, how humans were made, what should be eaten and what should not be eaten, it tells us about unseen places like heaven and hell, it tells us about the past and predicts the future. All these branches of knowledge are advancing so let us update ourselves.

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### **Bringing Life to Mars**

Climate models suggest that human beings could transform the Red Planet into more Earth - like world using current technologies.

Mars is currently too cold, too dry and its carbon dioxide atmosphere too thin to support life. But these parameters are interrelated, and all three can be altered by a combination of human intervention and biological changes.

(Scientific American February 1999)

**Men are now able - atleast physically - To Bear Babies,**  
say Britain's foremost fertility experts.

Rapid advances in medical technology have made it possible for doctors to implant an embryo inside a placenta directly into a man's abdomen and give him female hormones to support the baby to term. After the full nine months, the father would give birth by caesarian section.

All major news papers -  
Monday February 23, 1999

### **The making of a Biobot**

Shawn Lockery at the University of Oregon's Institute of Neuroscience created his roundworm robot after mapping the brain signaling of the nematode's 302 neurons. The map was then translated into computer circuitry programmed to seek light in the same way the worm seeks food. Future computers might use the same kind of highly efficient brainpower to perform more like the humans.

(Popular Science March 1999)

## Ahri - mana (Bad use of the Mind) Chicken Legs Are Costlier Than Wings

As reported in the March 12, 1999 Science, Harvard University researchers made leg structure grow on a chicken, where a wing should have been. Three genes are involved in limb development, moving an active leg gene from the leg bud to the wing bud, where the gene is normally inactive; they began leg formation there. Wings so injected did become distinctly leg-like: Feathers were lost, muscle structure changed, and digits and claws appeared, but the wings did not complete their path toward legginess.

(Scientific America May 1999)

## Hasti va Nisti Positive and Negative energy

Can a region in space contain less than nothing? Common sense would say no; the most one could do is remove all matter and radiation and be left with a vacuum. But quantum physics has a proven ability to confound intuition, and this case is no exception. A region of space, it turns out, can contain less than nothing. Its energy per unit volume - the energy density - can be less than zero.

Needless to say, the implications are bizarre. What we perceive, as gravity is the space-time distortion produced by normal, positive energy or mass. But when negative energy or mass - so-called exotic matter - bends space time, all sort of amazing phenomena might become possible: traversable wormholes, could act as tunnels to otherwise distant parts of the universe; warp drive, which would allow for faster-than-light travel.

The black hole is not the only curved region of space-time where negative energy seems to play a role. Another is the wormhole - a hypothesized type of tunnel that connects one region of space and time to another.

(Scientific America Jan 2000)

## XML and the Second-Generation Web The Tower Of Babel

Choose Display Language;

English - Farsi - French - Deutsche... will be on your computer screen in the immediate future, when you choose to work with the Internet. Thanks to a new language called the eXtensible Markup Language. XML enables exchange of information not only between different computers systems but also between national and cultural boundaries. This language which has been developed in 1998 will also increase the speed of the Internet and allow the use of multiple links to operate at the same time. Combined with it will be sub languages like MathML, ChemicalML, AstonomicalML, which will open a new frontier on the Internet for science.

(Source: Scientific America May 1999)

This reminds us of the Tower of Babel in Bible Genesis chapter 11

1: And the whole earth was of one language, and of one speech.

Then the people decided to build a tower, which would reach heaven. When God saw this, **he was scared**

6: And the LORD said, Behold, the people are one, and they have all one language; and this they begin to do: and now nothing will be restrained from them, which they have imagined to do.

So He came down and created confusion in the language of those people, so that they could not succeed to achieve **THAT WHICH THEY HAD IMAGINED TO DO.**

7: Go to, let us go down, and there confound their language, that they may not understand one another's speech.

The question here is why was God scared of human imagination.

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