""Your own Self-Realization is the greatest service you can render the world."

— Ramana Maharshi



Scientists Syukuro Manabe, Klaus Hasselmann and Giorgio Parisi have iointly won the 2021 Nobel Prize in Physics. They won the prize for their understand complex work to systems such as Earth's climate. Manabe is an American citizen while Hasselman is German and Parisi is Italian. The Royal Swedish Academy of said that they have Sciences honoured Manabe and Hasselmann jointly for their work that has helped develop computer models of Earth's climate. This could predict the impact of global warming.

2021 Nobel Prize in Physics awarded for climate science research
Their research

will receive their medals and

the Nobel

Chemistry tomorrow.

announce

Prize in

Syukuro Manabe showed how The behaviour of the atoms in increased levels of carbon this alloy is dioxide in the atmosphere could microcosm for the complex lead to warmer temperatures at functioning of Earth's climate. the surface of Earth. Then, he What is a microcosm? developed physical models of A microcosm is something that the climate. About 10 years later, is a small example of something Klaus Hasselmann created a larger. computer model that linked The prize would normally be together weather and climate. awarded in Stockholm, Sweden awards in their home countries. Giorgio Parisi's work is slightly in December. But due to the After the Nobel Prize in Physics different. His experiment pandemic, instead, the winners announcement today, they

involves a metal alloy called spin

alass.

The largest comet ever discovered	The largest comet is moving rapidly	The comet's closest approach to	(DES) is helping us learn
is coming towards the Sun and	through the Oort cloud. This is a	Earth will occur around 2031. It	more about the largest
could arrive in about 10 years. The	vast area of icy rocks, billions of	will be quite far and humans	comet. This is a project to
comet is known as the	kilometres from Earth in the outer	won't be able to see it without	study the expansion of the
Bernardinelli-Bernstein comet (or	parts of the solar system.	telescopes.	universe and it ran

The largest comet ever discovered approaches our Sun

How big is the Bernardinelli-For now, astronomers feel that the Bernstein comet? huge rock poses no threat to Earth. least 62 miles (100 Right now, the largest comet is kilometres) across. That's about travelling through the Oort cloud at 1,000 times bigger than a usual speed of about 29 times comet. lt's discovery

Sun).

What are scientists saying?

astronomical units or AU (an AU is

the distance between Earth and the

C/2014 UN271).

announced in June 2021.

Scientists say that the last time

awav.

Its last visit

the largest comet came close to our Sun was 3.5 million years mapped ago. Since then, the comet has travelled as far as 40,000 AU

between August 2013 and January 2019. During the survey,

astronomers

keep studying it and we

and

universe

vears.

will learn more.

The Dark Energy Survey

astronomers 300 galaxies. Over the next ten

million

ran



communications to harass or frighten someone, for example by

with obscene postures



Cvber-Stalking

the repeated use of electronic

Computer vandalism is a process wherein there is a program that

Computer vandalism

performs malicious function such

as extracting a user's password or

other data or erasing the hard disk. A vandal differs from a virus, which attaches itself to an existing executable program.

Ransom ware, a type of

malicious software designed to

block access to a computer

usually aimed at individuals, it's

only a matter of time before

business is targeted as well"

paid, "although ransomware is

system until a sum of money is

sending threatening emails.

used, morphed and distributed in the internet

masquerading as a trusted entity, dupes

a victim into opening an email, instant message, or text message. and writing. The photographs of women are

Cyber obscenity includes pornographic websites,

Cyber obscenity

pornographic online magazines and the internet to

download and transmit pornographic pictures, photos

devastating role in Modern India.

prevalent crime playing a

takes place on or over the medium of computers or internet or other technology recognised by the Information Technology Act. Cyber crime is the most

WORD OF THE DAY

Today's Word of the Day is "unmitigated " and it's adjective meaning absolute; unqualified.

Pronunciation :An'mitigeitid

Usage: 'the tour had been an unmitigated disaster'

Origin

Unmitigated comes from the Latin roots un-, meaning "not," and mitigare. meaning "made mild, soft, or gentle." Perhaps because of these origins, although unmitigated can be used positively, as in unmitigated success. but the word is often paired more negatively. Synonyms: absolute, unqualified, unconditional, categorical, complete. total. thoroughgoing, downright, outright, utter, out-and-out, unadulterated, unalloyed.

Antonym: partial

Hindi Meaning

UNMITIGATED= पूरा [pr.{pura}] (Adjective)

उदाहरण : यह कार्य पंचायत तथा सेंटर फॉर वर्ल्ड सॉलिडेरिटी की मदद से पूरा किया गया, जिसने इसे निवेश में मदद की

ENGLISH CLUB

Phrasal Verb- get back

Meaning: If you get something back, it is returned to you after you've lent it, lost it, or had it stolen.

Usage: If you leave something in a taxi, you might get it back if you call the taxi company.

Today's Idiom

Let Sleeping Dogs Lie

Meaning: its best to leave a situation as it is if disturbing it might cause trouble

Usage: Since my manager did not ask me anything about me coming late that day, I did not speak to him about it – it is best to let sleeping dogs lie.

Saying of the Day A word to the wise is enough

Possible interpretation:

A very brief warning or explanation is enough for an intelligent person.

Note: the wise (noun): wise (intelligent) people | This proverb is also found as: "A word to the wise is sufficient."