Practice Session: Harmony in Nature
As the National Oceanic and Atmospheric Administration (NOAA) in the US Thursday said that 2016 was on course to beat 2015 as the hottest year on record globally, the Ministry of Earth Sciences (MoES) reiterated that for India too it “could be one of the warmest years of the century.”

MoES Secretary and lead meteorologist, Dr M Rajeevan, said this year too, January, February and March have been warm.

“In 2015, the annual mean temperature for the country was 0.67 degree Celsius above the 1961-1990 average, thus making it the third warmest year on record since 1901. However, with the rising mercury levels this year, especially in the month of March, which is yet to be assessed, it could be one of the warmest years of the century,” said Rajeevan.


“It may be mentioned that 12 of the 15 warmest years in India during the past decade was the warmest decade on record with decadal mean temperature anomaly of 0.49 degree Celsius,” he said.

This year, the IMD also came out with a heat index to forecast heat waves and warn regions prone to extremely hot days. The forecast is to be released every five days for the next 20 days.

“Last year, more than 2500 people died because of heat waves across the country. This is a calamity caused by weather and is as important as drought and flood,” said scientists of the Indian Institute of Tropical Meteorology.

Heat wave occurs when excessively hot weather, beyond a threshold temperature, extends over a prolonged period.

IMD Director General Laxman Singh Rathore said, “2015 was the hottest year ever recorded and our forecast predicts a summer with above normal temperatures, due to the El Nino effect. The impact will lessen eventually.” He added that 2016 too looked like it would be among the hottest years. Globally, the reason cited for such warm temperatures was the El Nino factor, which is likely to become neutral in the coming month.

Currently, strong El Nino conditions over the Pacific Ocean that started in 2015 are still continuing, but they will weaken further by the last phase of the summer season, stated the IMD.

NOAA said that for 2016, till date, the global average temperature was 2.07 degrees Fahrenheit above the 20th century average. It added that this was the highest temperature for the period between 1880-2016, surpassing the previous record set in 2015 by 0.50 degrees Fahrenheit.
Human Society – Society based on Relationship, Co-existence

Human Target – As an Individual

1. Happiness (Trust, Justice)
2. Prosperity
3. To participate in Human Society

Human Target – As a Family
1. Happiness (Trust, Justice)
2. Prosperity
3. To participate in Human Society

Human Target – As a Society

Right Understanding & Right Feelings

In Every Individual

Prosperity

In Every Family

Fearlessness (Trust)

In Society

Co-Existence

In Nature/Existence

Integrated Family, Integrated Society
Mutual Fulfillment = Relatedness + Fulfillment

परस्पर पूरकता = परस्परता + पूरकता

Pranic Order
Plants, Trees
प्राण अवस्था
पेड़, पीपल

Physical Order
Soil, Metal
पदार्थ अवस्था
मिट्टी, धातु

Animal Order
Animals, Birds
जीव अवस्था
पशु, पक्षी

Human Order
Human Being
ज्ञान अवस्था
मनुष्य
Abundance in Nature

Nature is organised in such a manner that the physical facility required for any order is available in abundance

Dependence of any order is on all previous orders
  e.g. Animal order depends on plant order & physical order

Quantity of units
  Physical >> Pranic >> Animal >> Human
E.g. Abundance of Fresh Water

India

- 3,287,590 km²
- 890 mm average rainfall

Total annual rainfall
- 2,925 cubic km

Total annual human water use
- 230 cubic km (urban + rural)

Water Storage
- Glaciers
- Areas with bauxite
- Underground aquifers (433,000 cubic km)
- Lakes, ponds…
- Forests

Natural distribution of water
- Rain
- Rivers & Streams overground (also distributes silt, fish…)
- Rivers & Streams underground
Assumptions about Human Target
- Individual
- Society

Gross Misunderstanding
(आधारभूत भ्रम)

**Assumptions (eg. Money is everything)**
- In Every Individual
- In few Individuals

**Accumulation By Any Means**
- In Every Individual
- In few Individuals

**Domination, Exploitation, Fear**
- In Society

**Mastery & Exploitation**
- Over Nature

**Obsession - Consumption**
- भोग उन्माद
- लाभ उन्माद
- काम उन्माद

**Terrorism War**

**Resource Depletion Pollution**

Fragmented Family, Fragmented Society…
The Club of Rome publishes "Limits to Growth". The report is extremely controversial because it predicts dire consequences if there is not a slowdown of "growth" (throughput of raw materials from nature):

1. Environmental breakdown
2. Breakdown of human relationship
3. Mental breakdown
Contrary to popular opinion, malnutrition and starvation are not the result of over-population, of poor climate or lack of cultivatable land.

The reason why hunger exists on such a vast scale is because world food supplies are controlled by the rich and powerful for the wealthy consumer.

Vested interests share responsibility for the fate of the poor.

Working with local elites & protected by the powerful they are gradually imposing control over the whole population.

This classic study of world hunger was written after the World Food Conference in 1974.
Of the 4.2 billion tons of food produced, more than 1 billion tons of food is lost or wasted every year, UN-backed report finds (11 May 2011)

About a third of all the food produced for human consumption each year – or roughly 1.3 billion tons – is lost or wasted, according to a new study commissioned by the United Nations Food and Agriculture Organization (FAO)

Global Food Production is 6 times requirement
Global Food Wastage is 1/3rd of production
Wastage is enough to feed 1300 crore people/year

Have we understood right utilisation?
Is it a question of production?
Is it a question of relationship?
Is it a question of right understanding?
It is a question of right education-sanskar

An Inconvenient Truth

Watch a video summary "An Inconvenient Truth", 2006
Hindi English

Observe:
1. State of the Planet
2. Root Cause of the Problems
3. Solution for the Problems

What were you doing when you had the time to do something?

We will discuss your observations
Human activity now dominates 43 percent of Earth’s land surface and affects twice that area.

One-third of all available fresh water is diverted to human use.

A full 20 percent of Earth’s net terrestrial primary production, the sheer volume of life produced on land every year, is harvested for human purposes.

Extinction rates compare to those recorded during the demise of dinosaurs.

Average temperatures will likely be higher in 2070 than at any point in human evolution.
Discussion

Root Cause of the Problem (as stated in the video)

1. Population
2. New Technology + Old Habits
3. Our Way of Thinking

Assumption: The Earth is so big that humans can not have any lasting impact on it

What gets us into trouble is not what we don’t know…
   It’s what we know for sure that just ain’t so

With incorrect assumptions, the recognition & fulfilment is also incorrect, i.e. it is not mutually enriching with Nature nor mutually fulfilling for Human Being
<table>
<thead>
<tr>
<th>Current Approach</th>
<th>Work to be Done in Society</th>
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<tbody>
<tr>
<td>Problem – Population, old habits, Our way of thinking (or only symptom?)</td>
<td>1. Clarity of All Encompassing Solution (Samadhan)</td>
</tr>
<tr>
<td>Action taken to get rid of it – Technology (or symptomatic relief – Temporary?)</td>
<td>2. Effort for All Encompassing Solution Human Education, Human Conduct, Human Constitution, Human Order</td>
</tr>
<tr>
<td></td>
<td>3. Problem – Analysis in the light of Samadhan – <strong>Inhuman Conduct</strong> (exploitation of nature, domination… are only the symptoms)</td>
</tr>
<tr>
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<td>4. Effort for getting rid of problem – <strong>Ensure Human Conduct through Human Education</strong></td>
</tr>
</tbody>
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Problem (restated)

1. Population → Population without Right Understanding
2. New Technology + Old Habits → Technology developed and used without Right Understanding i.e. with wrong assumptions
3. Our Way of Thinking → Thinking on the basis of wrong assumptions (preconditioning, sensation)
Harmony in Nature

1. Physical order – soil, metals etc.
2. Plant order – trees, plants etc.
3. Animal order – animals, birds etc.
4. Human order – human beings

Nature = Collection of Units = 4 Orders

There is a relationship of mutual fulfilment amongst these 4 orders.

So far, the first 3 orders are mutually fulfilling for each other as well as for human beings

Human being has natural acceptance for mutual fulfilment

Human being has to understand this mutual fulfilment to be complimentary
Harmony in Nature

The physical facility for fulfilling the need of human being are available in abundance on Earth, in continuity

We only have to realise what our need really is
- happiness, prosperity and its continuity

And how to go about fulfilling that need
- happiness – through right understanding & right feeling in the Self (I)

- prosperity or feeling of having more than required physical facility for nurturing, protection and right utilisation of the Body – through
  a) identification of need of physical facility – by right understanding
  b) production of more than the need – by right skills

- continuity – through undivided family & universal human order
The role of Human Being is to realize this mutual fulfillment in Nature – For this, all that we need to do is:

1. To understand the mutual fulfilment that is inherent in nature – we do not have to create it
2. To live accordingly – then the mutual fulfilment amongst the 4 orders will be realised (and there is every provision in nature for living in a mutually fulfilling manner)