



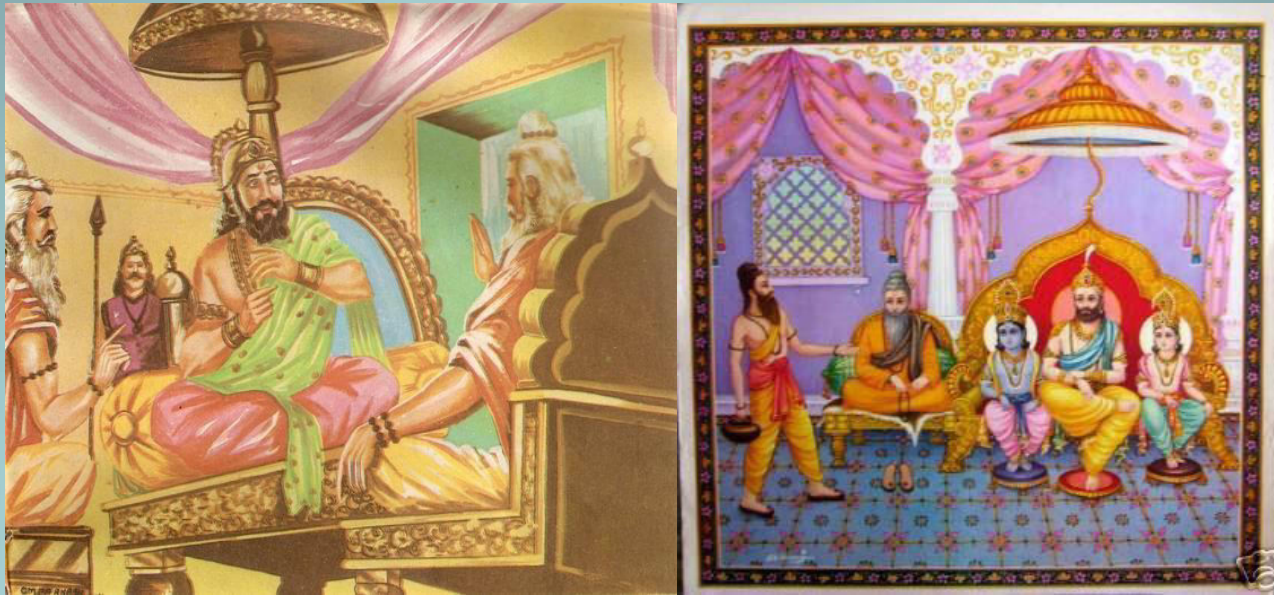
Scientific aspects in Ramcharitmanas : Its relevance to the young generation of India & Thailand



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The knowledge was honoured



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Hierarchy of humans

Sage (mentors and advisors of Kings): Scientist

King: Political head

Kshatriya: Army

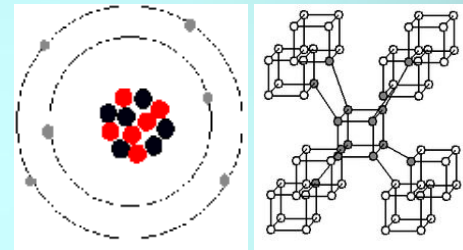
Vaishya: Commoners

- The most evolved are human beings which top in the hierarchy, and among the human beings in further gradation, scientists top on the ranks.
- The common ancestor/ingredients and thus are equal in their chemical features.
- Author expresses its confidence on science and scientist because of its strong belief that only science can prove equality and universality.

The four hands of Brahma (creator) are four valency electrons of carbon atom

•Incomparable, unspeakable ,mysterious

- The world has four kinds of (aspirants) bases,
- All the four of them are virtuous, sinless and noble
- The glory of the name (of bases) is supreme and all **the quadravalent carbon**
- which is the basis of all living beings of all **four yugas** and is described in all the four **vedas**.



Atomic Structure of C

The Carbon atom has six electrons, **4 of the electrons** are in its valence shell (outershell).
The circles in the diagram show energy levels - representing increasing distances from the nucleus.

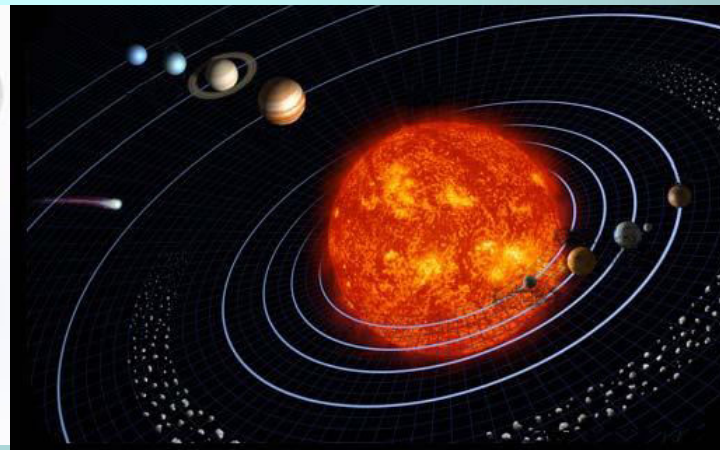
- Carbon is found in many different compounds. It is in the food you eat, the clothes you wear, the cosmetics you use and the gasoline that fuels your car
- Carbon is the sixth most abundant element in the universe.
- In addition, carbon is a very special element because it plays a dominant role in the chemistry of life.
- Carbon, discovered in prehistory and was known to the ancients, who manufactured it by burning organic material making charcoal.

'MAYA' -- 'KARMA'

- 'Karma' = 'Act' is the centre of worldly affairs.
- 'RE-ACT' Reaction that is Creation $H^+ + OH^- \rightarrow H_2O(\text{water})$
- 'Brahmand' is resultant of 'MA-YA' - 'REACTION'. The world is constituted of two kinds of constituents living 'Chetan'(living) and Non-Living 'Jada', (non-living)
- Atom-molecule-crystal. It clearly demonstrates that when the centre of activity comes in the front, world starts **Reaction** that is **Creation**.



Molecule makes crystal

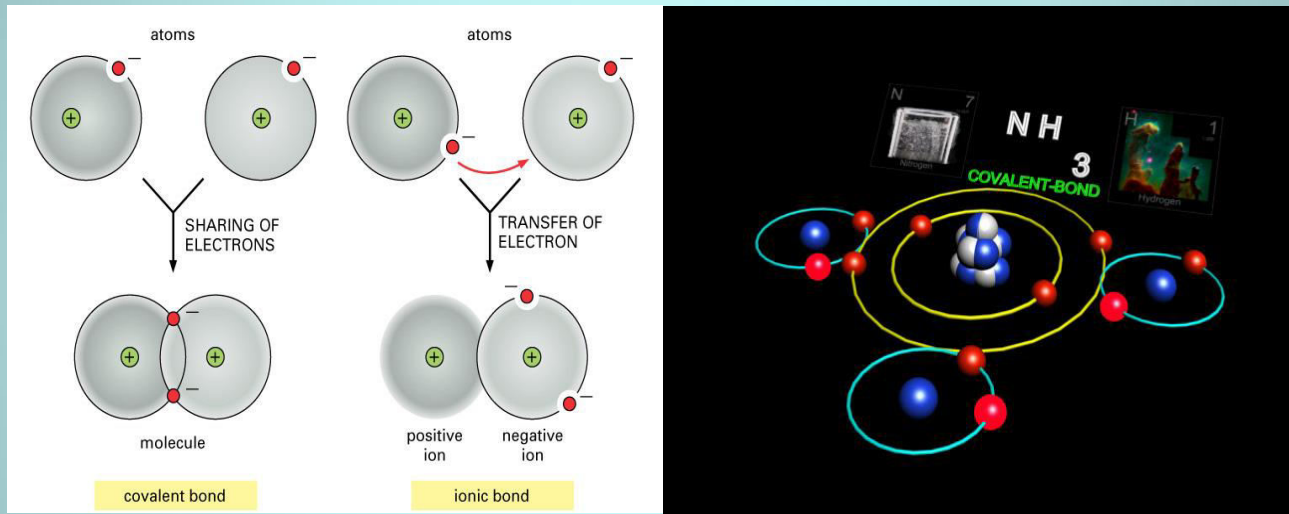


Brahamand



'PREM' is the 'bond energy'

हरि व्यापक सर्वत्र समाना । प्रेम तें पगट होई मैं जाना ॥
गजगमय सब रहित बिरागी । प्रेम तें प्रभु प्रगटइ जिमि आगी ॥

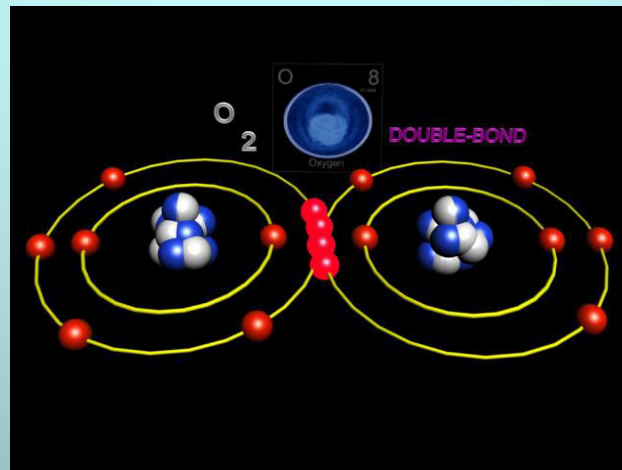


Strong demand of valency electron which are ready to share with the other virtual orbital. Equals to affection between human and God.



Brahma electron (God particle) is one

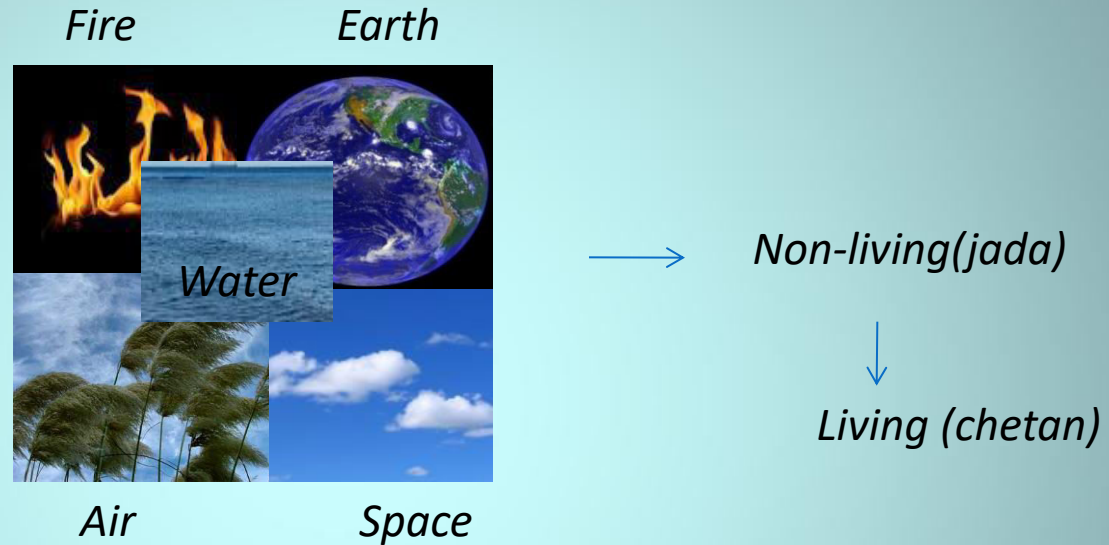
- Energy (God) the unqualified & qualified. Both of the fumes are unspeakable, unfathomable, without beginning & without parallel***
- electron (energy) is one, all pervading and imperishable. It is omni present and omniscient. Cho.1-3-4 of Doha – 22***
- No body has been able to discover its beginning or end. It walks without feet, listens without ear, and perform actions of various kinds even without hands, enjoys all tastes without a mouth (palate) and is a most clever speaker even though devoid of speech.***
- It touches without a body (the tectile sense) sees without eyes and catches all odours even without a nose (the olfactory sense). Bal. Cho. 2, Doha - 117***



PANCHTATWA

The five great elements of nature

The ingredient of both of these groups are common.



•*The whole universe is made up of these five basic elements namely: Earth, Water, Fire, Air and Space(Unlimited Sky).*

•*Our body is also made up of these five elements. These five elements are related to our five senses of smell, taste, hearing, touch and sight*

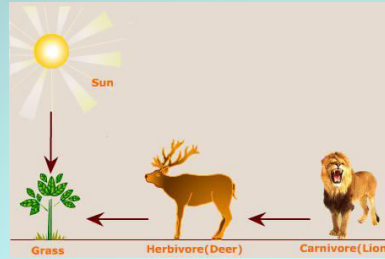
•***World originated from the common ancestor/ingredients and thus are equal in their chemical features.***

•*All the five constituents of body in isolation behave as nonliving and on suitable conditions and proportion may yield to living forms and living activities.*

Controls on Ecosystem Function(top-down control)



Tertiary/top consumer



Secondary consumer



Primary consumer



Primary Producer



ग्रह भेषज जल पवन पट, पाई कुजोग
सुजोग ।

होहिं कुबस्तु सुबस्तु जग, लखहिं सुलच्छन
लोग ॥

जलचर थलचर नभचर नाना, जे जड चेतन
जीव

जहाना ॥

सो जानब सतसंग प्रभाउ । लोकहुँ बेद
न आन

उपाउ ॥

सठ सुधरहिं सत संगति पाई । पारस
परस कुघात सुहाई

3 major components of energy flows and material cycles.

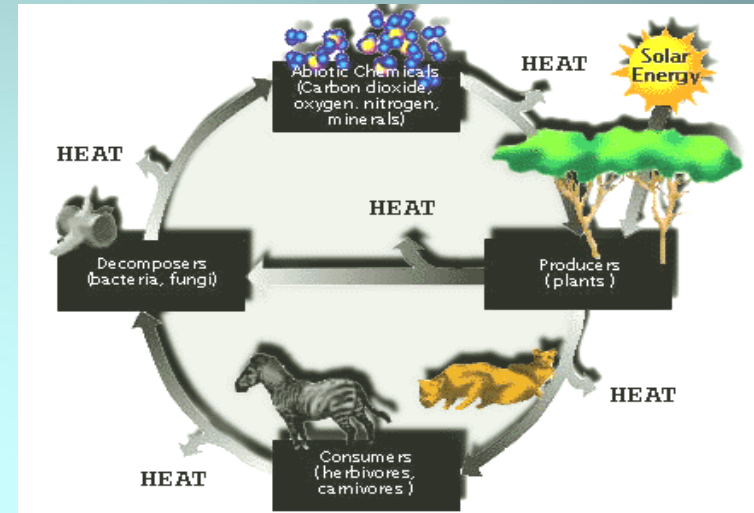
- *Element ratios*
- *Mass balance*
- *Element cycling.*

Transformations and biogeochemical cycling of living systems influence, and are controlled by, the geology and chemistry of the earth.

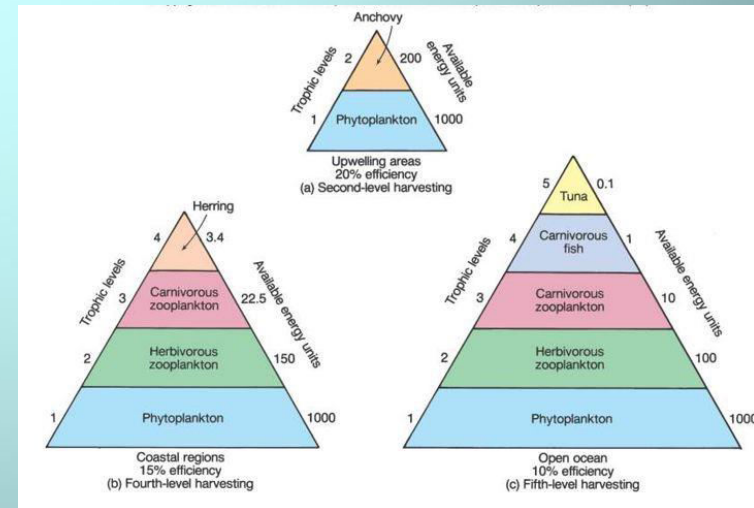
“everything is connected to everything else”, ecosystems have energy flows and ecosystems cycle materials

“I bequeathe myself to the dirt, to grow from the grass I love; If you want me again, look for me under your boot-soles.”

- Walt Whitman



Energy flows and material cycles



Dean of Correction

A trident representative of all the three kinds of Character, Raj, Tam & Sat kind of people (Air, Water, Land), in habitants a Damru (small drum) adorned his hands to shave all for mass awareness programme without pollution to all kinds of inhabitants

Loss of environment would be enormous and may reach to its last stage of 'Bhashma'

सिवहि संभु गन करहिं सिंगारा।
जटा मुकुट अहि मौरु सँवारा ॥

कुंडल कंकन पहिरे व्याला। तन
विभूति पट केहरि छाला ॥

ससि ललाट सुंदर सिर गंगा।
नयन तीनि उपवीत भुजंगा ॥

गरल कंठ उर नर सिर माला।
असिव वेष सिवधाम कृपाला ॥

•Protected the nature who contains Ganga given highest priority to the water

•The site to maintain renewable energy source, as the moon receives water and energy from the Sun is the persistent source of renewal green energy

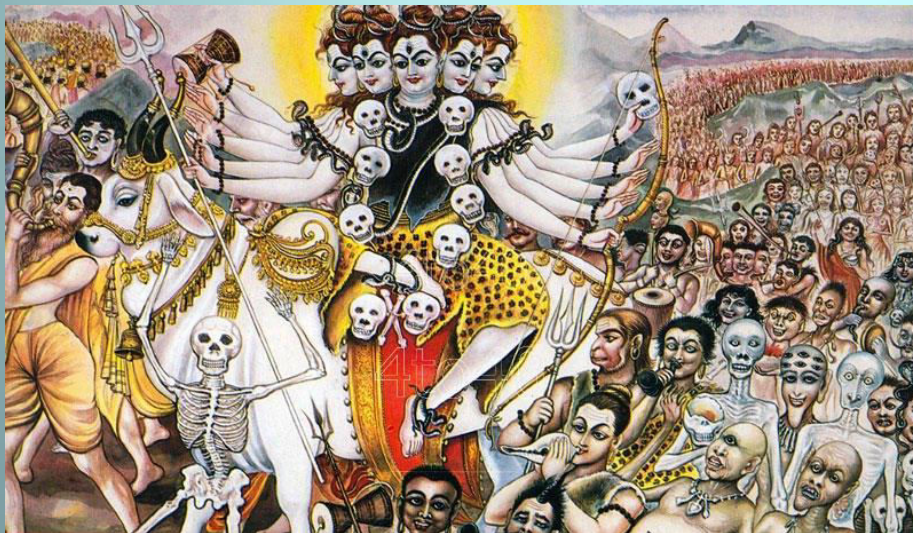
•Signalling with its wrapped lion's skin round his le lons that if the last chain of preadator is not protected the loss of environment



Toxic chemicals must be contained safely separately



*The blue neck (Neel Kantha) of Lord Shiva propagates clear message that the **toxic chemicals** must be contained safely separately as in the vacuole (Garal Kanth). The industrial toxicant containers should **never allow pollutants to mingle into the food or water source and stream***



Bio-conservation

- 'Nar sir Mala'-fossils and various evolutionary stages*
- The biodiversity fully maintained, protecting the snakes a wild animal as carings and bracelets*

*छुं-तन छार व्याल कपाल भूपन नगन जटिल भयंकरा ।
संग भूत प्रेत पिसाच जोगिनि विकट मुख रजनीचरा ॥*

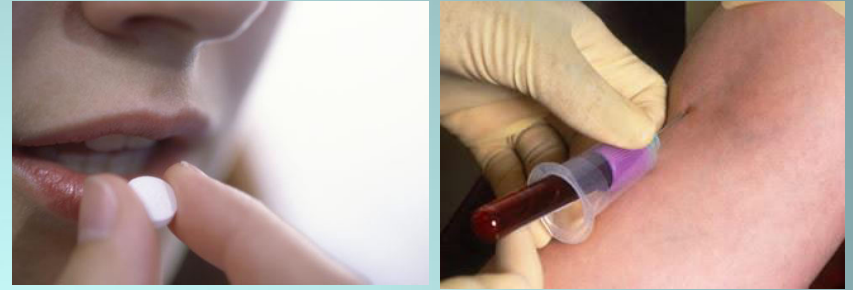
The secret of PAYASAM distributed after yagna



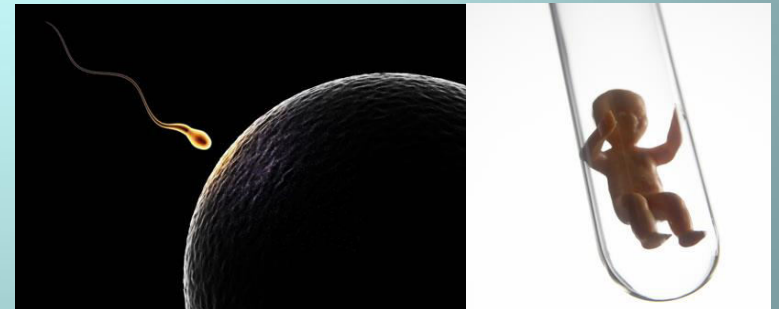
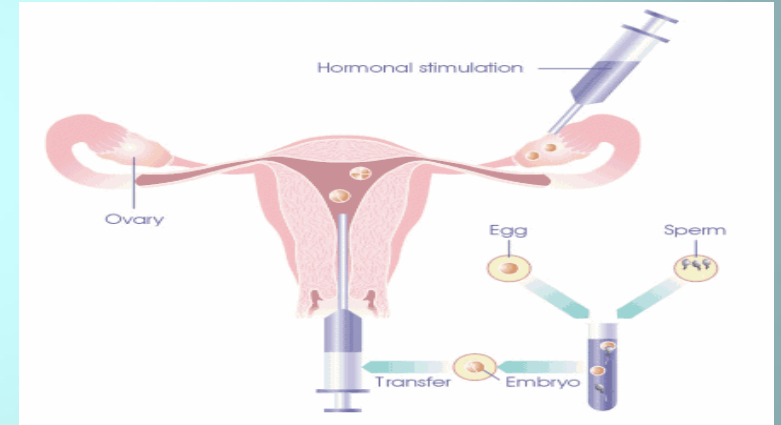
एक पिता के बिपुल कुमारा, प्रथक प्रथक गुन
शील अचारा । (Darwin's theory)

	Ramchrit mans	IVF(Invitrofertilizati on)
Advisor	Guru Vasishtha	docter
process	Putra Kama Yagna	IVF
medicine	payasam	Harmones injection and medicines etc
result	Birth of baby	Birth of baby

सृंगी रिषहि बसिष्ठ बोलावा, पुत्र काम शुभ जग्य करावा ।।
भगति सहित मुनि आहुति दीन्हें, प्रगटे अगिनि चरुरवर लीन्हें



Ovarian Stimulation



IVF Treatment

Aviation Technology



A hill of altitude 8000 feet where in a table top of 18 Kms is found with evidences of 5 Airports. Raavana had an air fleet of atleast 5 aeroplanes which they called as 'Pushpaka Vimana.' that raavana used aeroplanes

Vibhishana decides to follow his heart and join Rama. Rama and others reach the ocean and discuss ways of crossing it. Vibhishana together with four of his companions reach there.

- The demons and suras both groups have the air cars & air ballons*
- Full of rage, Ravana seated Sita in his chariot and drove through the air*



A bridge construction technology: impressions of which are still visible from space



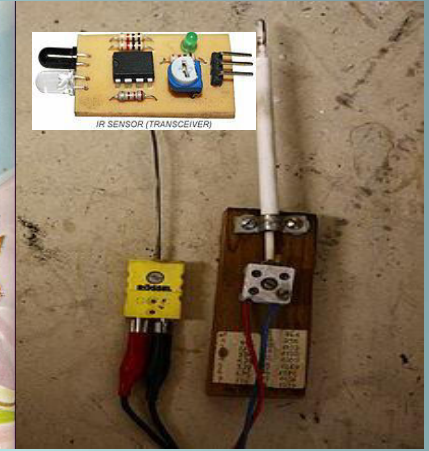
Picture from NASA ,2005

A wonderful bridge was constructed (Rameshwaram) and army passed through it to Lanka. Ch. 1-2-3, D-59

- *Construction supervised by Nala.*
- ***A top layer of dressing with grass and little pieces of wood***
- *Over the firmer layer of rocks and trees soon produces a level surface.*

The clever Nala and Nila constructed the bridge and their renown spread far & wide. Those very rocks that not only sink themselves but cause even other things to sink along with them floated like so many rafts. This can be ascribed to the miraculous power of the ocean, and to the skill of the Nala-Nila and quality of rocks selected.

RADAR TECHNOLOGY

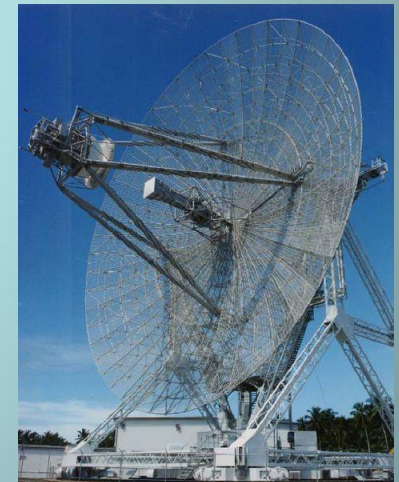


Sensors

- *Missile sensing - arrow can sense the shine of metal jewels that was used in Ravan's crown .*
- *Arrow was released from Ram's bow from one side of sea to point Ravana's crown to warn him (who was sitting in his palace at another side of sea in Lanka)*

- *The demons fixed (RADAR) Radio-Angle-Direction And Range was fixed in the ocean & would catch the birds in the air by conjuring tricks.*
- *Seeing on the surface of the water the reflection of the creature that coussed in the air she would catch the bird.*
- *By putting anti Radar gun dispatched the RADAR and swept across the ocean.*

Ch. 1-2, D-2



Radar

“The Ultimate Frontier”



“Rama Airways” “flying saucers”

“An aerial chariot, the Pushpaka, conveys many people to the capital of Ayodhya. The sky is full of stupendous flying-machines, dark as night, but picked out by lights with a yellowish glare”
The Vedas, ancient Hindu poems, thought to be the oldest of all the Indian texts, describe Vimanas of various shapes and sizes:
the **“ahnihotra-vimana” with two engines**, the **“elephant-vimana” with more engines**, and other types named after the kingfisher, ibis and other animals.

“Pushpaka” is Sanskrit for “flowery”. It is the first flying vimana mentioned in Hindu mythology. The special characteristic of this vehicle is, “What ever may be the number of people sitting in it, always there will be one more seat vacant i.e., If N people sit, There will be (N+1) seats”. It was basically a vehicle that could soar the skies for long distances.

Today's advanced guided missiles are far behind the "Divine Astras"



Brahma Astra- Deadliest weapon

• Mantras were used to guide the arrows making it to sense metals, sound, light etc. like we programme the guided missiles in present day

“.....His most powerful arrow, one passed down from Lord Brahma, a weapon that previously belonged to Agastya Rishi . Chanting the proper mantras as He drew the arrow to His bow, Rama released the powerful weapon, which marked the culmination of the intense struggle with Ravana,.....”

Astra	Deity
Indraastra	Indra , god of weather
Aagnyaastra	Agni god of fire
Varunaastra	Varuna , god of water
Bhargavaastra	bhrugu , clan to which Parashurama belonged
Nagaastra	The Nagas
Nagapaasha	The Nagas
Vayvayaastra	Vayu , god of wind
Suryastra	Surya , god of the sun
Vajra	Indra , god of weather
Mohini	Mohini an Avatr of Vishnu
Twashtar	Twashtri the heavenly builder
Sammohana/Pramohana	
Parvataastra	
Brahmaastra	Brahma , the Creator
Brahmasirsha	Brahma , the Creator
Narayanaastra	Vishnu , the Preserver
Vaishnavaastra	Vishnu , the Preserver
Pashupatastra	Shiva , the Destroyer

Sanjivanai : The life saving drug

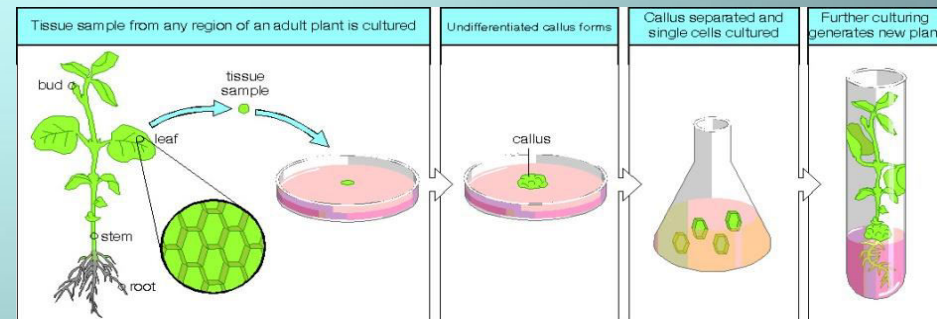
Shower of nectar (media containing enriched nutrients and life saving drugs)



1. Media enrichment 2. Putting dilution 3. Spreading



Finally culture revived



Sri Ramcharitmanas, Devotion (Bhakti), Divine Knowledge (Gyan) and Salvation (Mukti)

Deliverance of Ahalya



•Reasons of incarnation of the Lord on earth

•Marriage ceremony of the Lord Ram

•Stealing of Sita by the demon king Ravana

•Burning of Lanka by Hanuman

• Bravery of Hanuman

•killing of Ravana and his complete army,

•Devotees and earning of Astra & Shastra (divine weapons) from Gautam rishi

•Life at Chitrakoot, meeting with his younger brother Bharat

•Lord Ram along with his wife Sita and brother Lakshman in forest

•Stealing of Sita by the demon king Ravana

•Fight of Lakshman and Meghanaad, the bringing of life giving medicines by Hanuman to save the life of Lakshman,

•Ram as king of Ayodhya, the paying of respect of all Gods and Vedas to Lord Ram

•Journey of Lord Ram along with Mother Sita and monkey chiefs to Ayodhya.

SATYA MEV JAYTE

