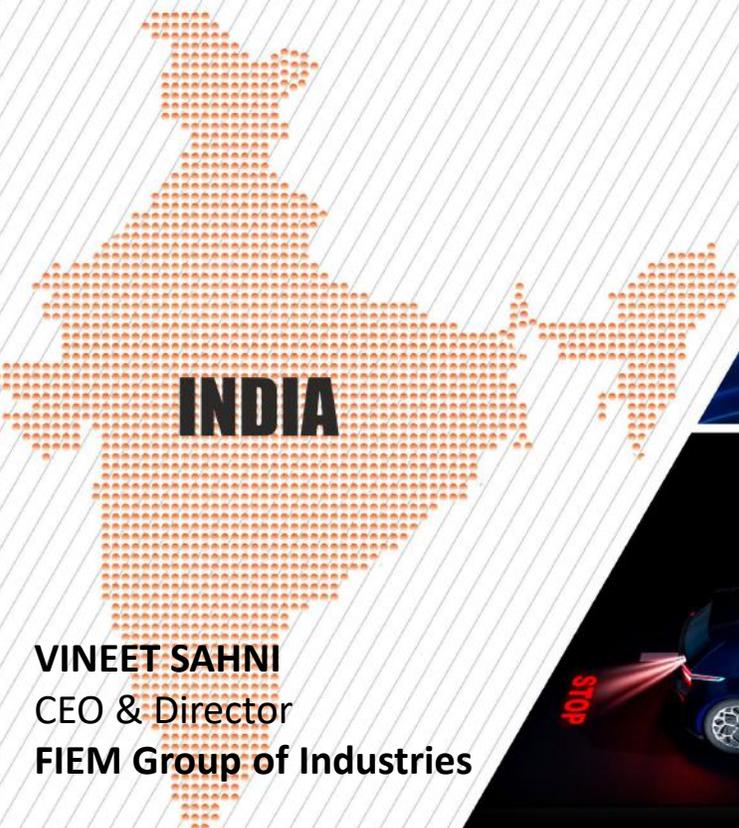




FROM COST TO
TECHNOLOGY



INDIA

A map of India is depicted using a grid of small orange dots. The word 'INDIA' is printed in a bold, black, sans-serif font across the center of the map.

VINEET SAHNI
CEO & Director
FIEM Group of Industries



STOP

A blue hatchback car is shown from a top-down perspective with its front and rear doors open. A red 'STOP' sign is visible on the left side of the car.



WELCOME TO INDIA



DVN DELEGATES



Three key words



Indian approach on Cost!



REDUCE



REUSE



RECYCLE



Your Feedback Please ?



1.



2.



3.



4.

5.





We need to sustain our **Culture of frugality**

while achieving **Global quality levels.**

Kitna deti hai?

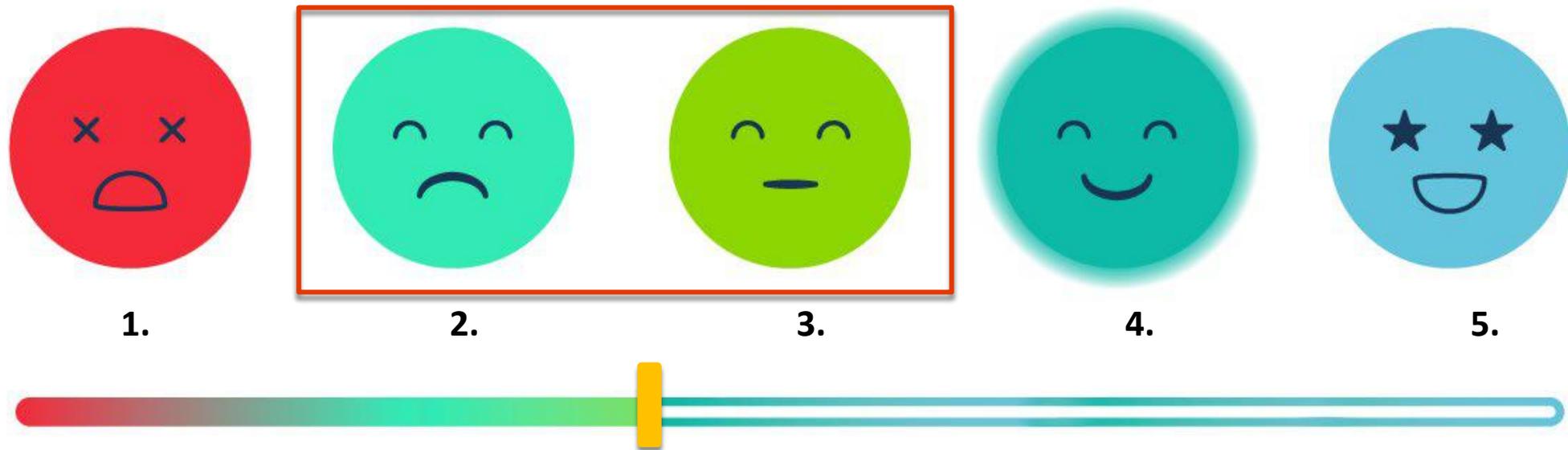


India's obsession with Mileage



India's obsession with Technology & Features

Your Feedback Please ?





What we read today is NOT the reality!

We have a GLORIOUS PAST!



This is NOT our past



THIS is our past

Example - 1

40 Feet Taller Beauty Created
300 Years Prior to this
European Marvel.



INDIAN CREATION, 9TH CENTURY

EUROPEAN CREATION, 12TH CENTURY

Example - 2

Baudhayana Sutra in Yajur Veda

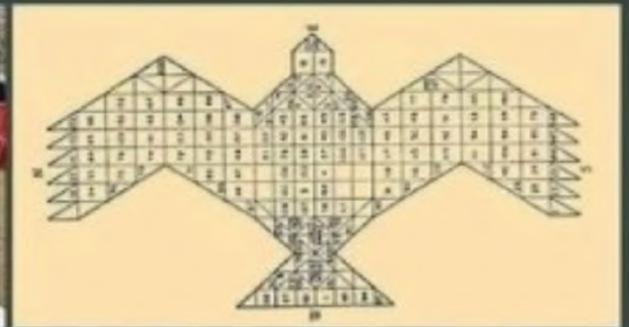
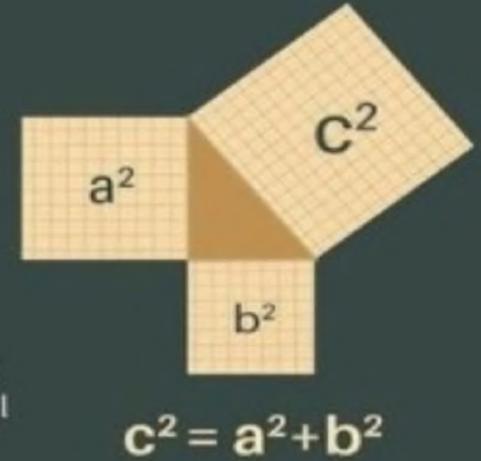
Indian mathematician Baudhayan who lived around 800 BC – clean 3 centuries before Pythagoras!

Baudhayana Sulbasutra

दीर्घचतुरश्रस्याक्षया रज्जुः पार्श्वमानी तिर्यग्
मानी च यत् पृथग् भूते कुरुतस्तदुभयं करोति ॥

Baudhāyana used a rope as an example in the above shloka/verse, which can be translated as:

"A rope stretched along the length of the diagonal produces an area which the vertical and horizontal sides makes together"



The Sulbasutras is like a guide to the Vedas which formulate rules for constructing Vedi (altars). They contain valuable information about the geometry of ancient India, including instructions for constructing sacrificial altars (vedi) and locating sacred fires (agni). This formula is used in constructing Yajna Vedi (altars) in the shape of an eagle with Triangular tiles in a special type of Yajna called Agnicayana (a twelve day Yajna ceremony)

Example - 3

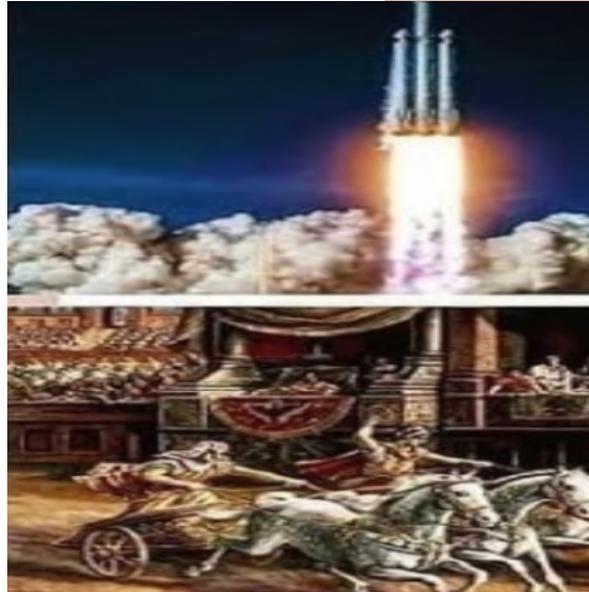
In Bhrigu samhita, three types of transportation are mentioned (on Road, on water and in sky)

The first manned flight was on November 21, 1783.

Bhrigu Samhita dates 5000 years ago!



THE WAYS OF TRANSPORT



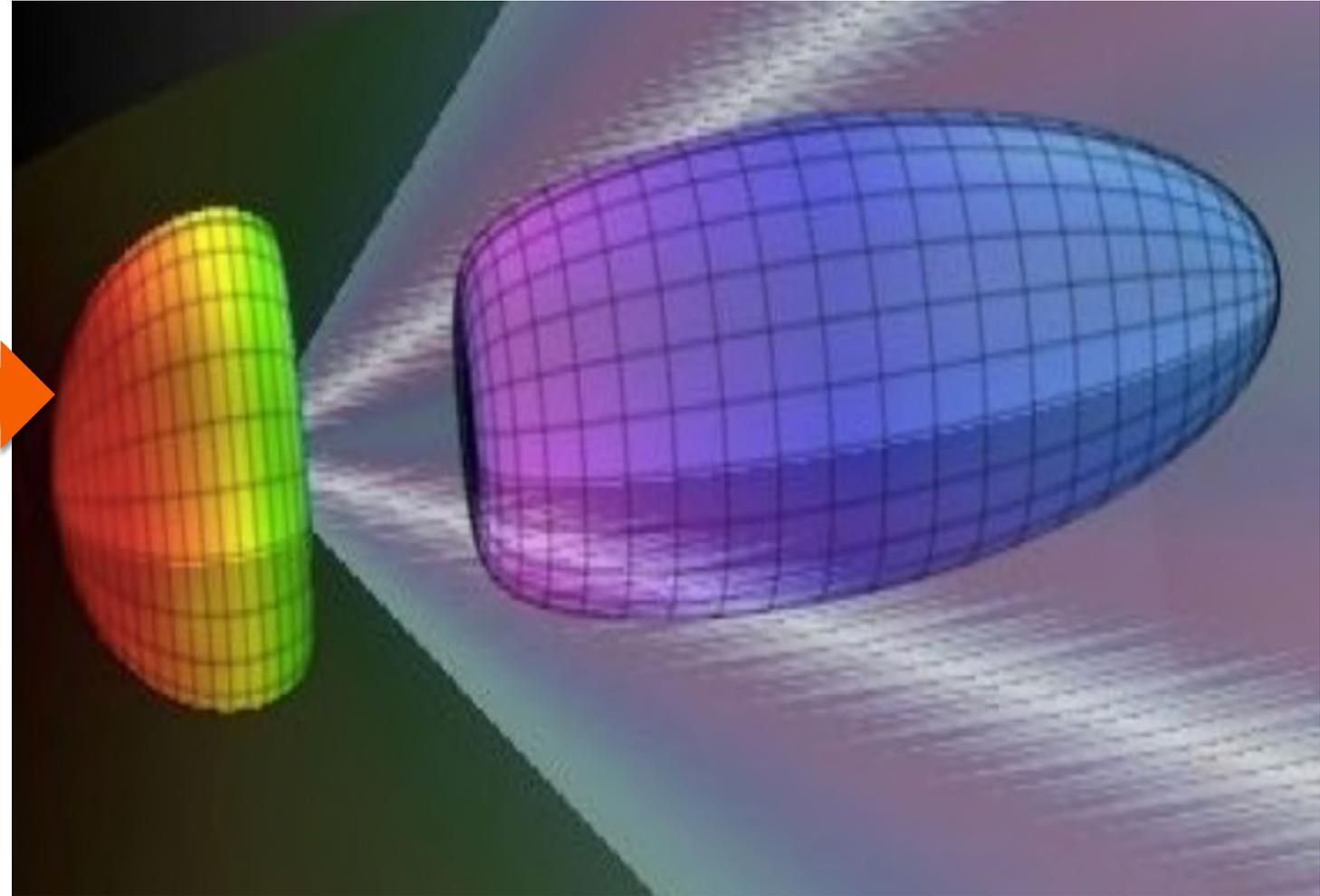
जले नौकेव यानं स्याद
भूमियानं रथः स्मृतः ।
आकाशे अग्नियानं च
व्योमयानं तदेव हि ॥
(Bhrigu Samhita)

Example - 4

Nuclear Energy

Mundakopanishad written around 6000 BCE in ancient india, is associated with the Atharvaveda.

It describes about Tachyons (particles that travel faster than light), Ultra-Violet band, Infra-Red band, Nuclear Energy and Black Holes in the space.



Example - 5

Speed of Light

Speed of Light was actually determined accurately in Rig Veda thousands of years ago.

It was further elaborated by Sayana in 14th century AD.

The Rig Veda , an ancient Indian sacred text, said to be $\cong 7000$ years old, had a mysterious hymn that gave the speed of light :

योजनानाम् सहस्रं द्वे शते च योजने एकेन
निमिशार्धेन क्रम्म्ण नमोस्तुते ॥

(source: Rigveda, translation- G.V.Raghava Rao.)

“The sun’s rays travels 2202 Yojanas in just half a Nimisha.” The word “sahasra” means 1000, द्वे is “dwe” ,means “2”, and “shate” means 100.

Example - 6

VIBGYOR in Rigveda

In Rigveda (Indrasukta-12), the word “Saptarashmi” is used which shows that vedic rishis knew clearly the basic hidden fact of seven colors in sunrays.

Since Rigvedic period i.e, 1500 B.C. Indian rishis before Aristotle or Newton have come to know about the secret of VIBGYOR.

VIBGYOR was known 1500 years before Aristotle or Newton came to know of it.



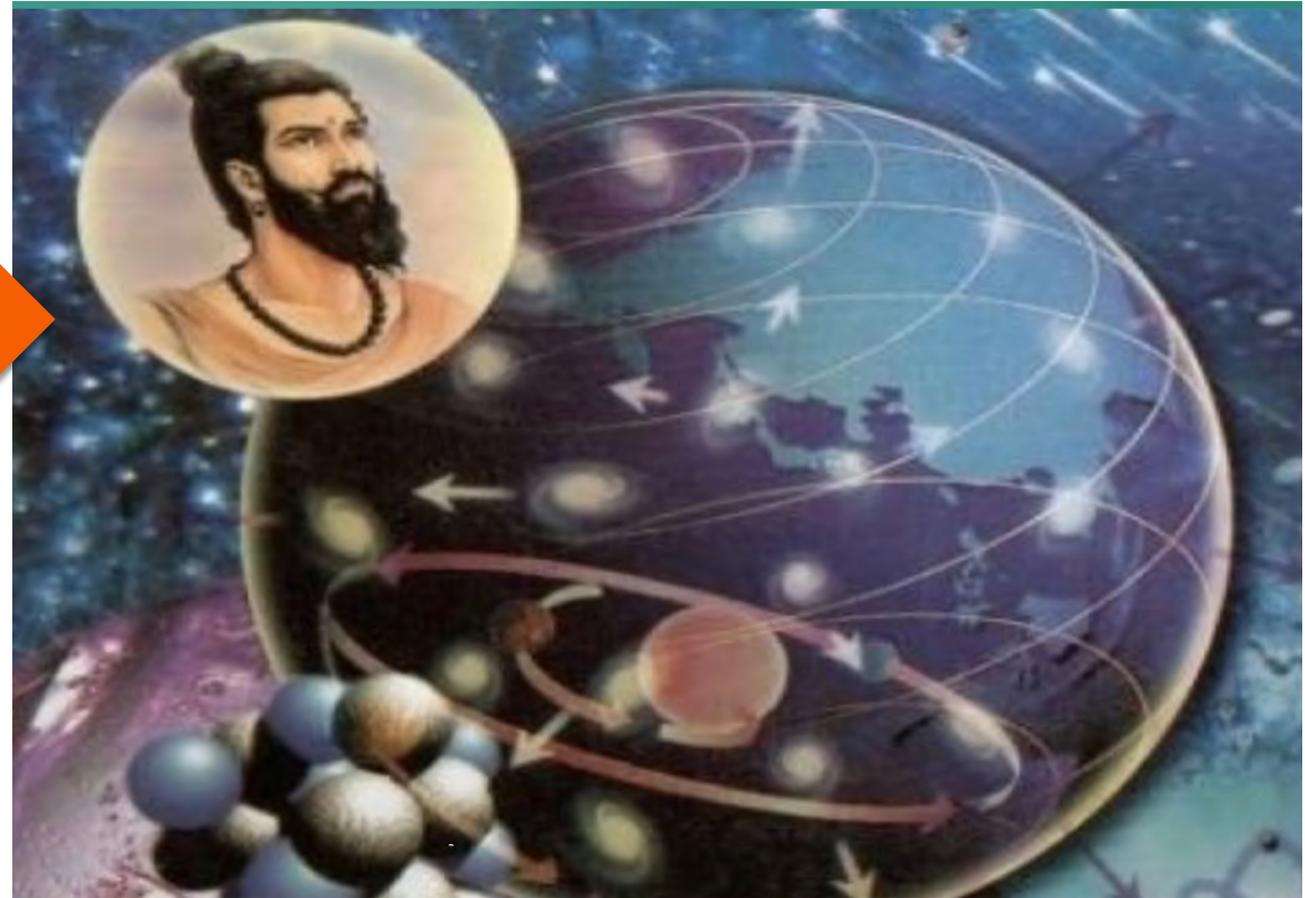
Example - 7

Theory of Atom

Acharya Kanada, also known as Kashyapa, an ancient Indian natural scientist and philosopher, formulated the theory of atoms 2500 years before John Dalton's discovery.

Kanada's book, called Vaisheshik Darshan (also called Kannada sutras), captured his atomic theory.

Theory of Atom formulated 2500 years before recorded John Dalton's discovery.



Example - 8

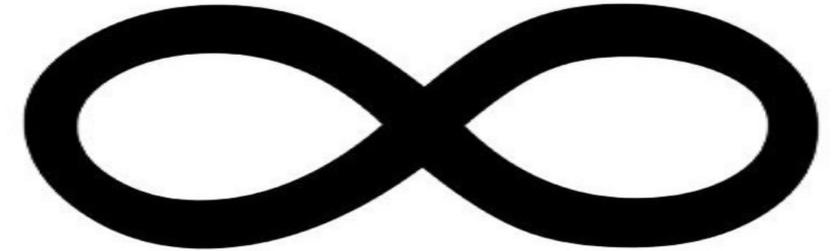
Concept Of Infinity defined by Bhaskaracharya

Definition of Infinity – Bhaskaracharya's Bijaganita
2.18

In Bijaganita, we find the following shlok

वधदौवयत्खय खंखने घत्खह खोभवते खने भN राशः
vadhādau viyat khasya kham khena ghāte khahāro
bhavet khena bhaktaśca rāśiḥ ॥

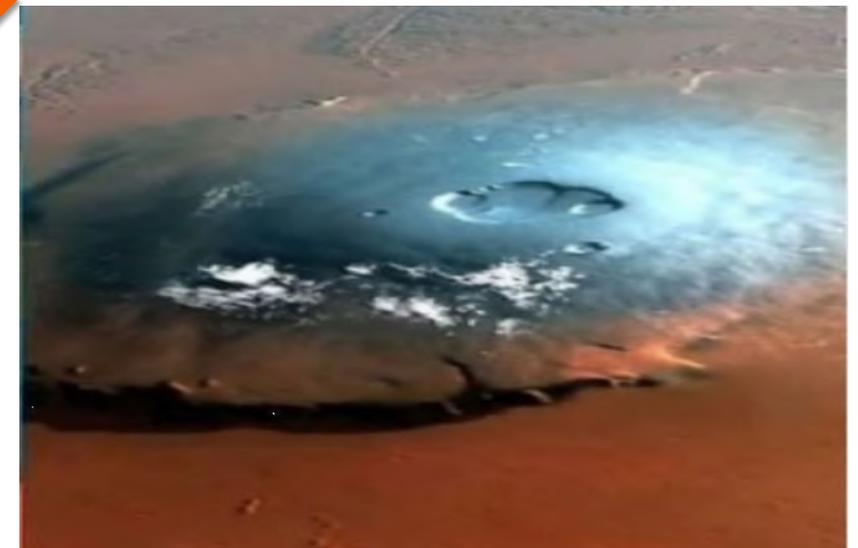
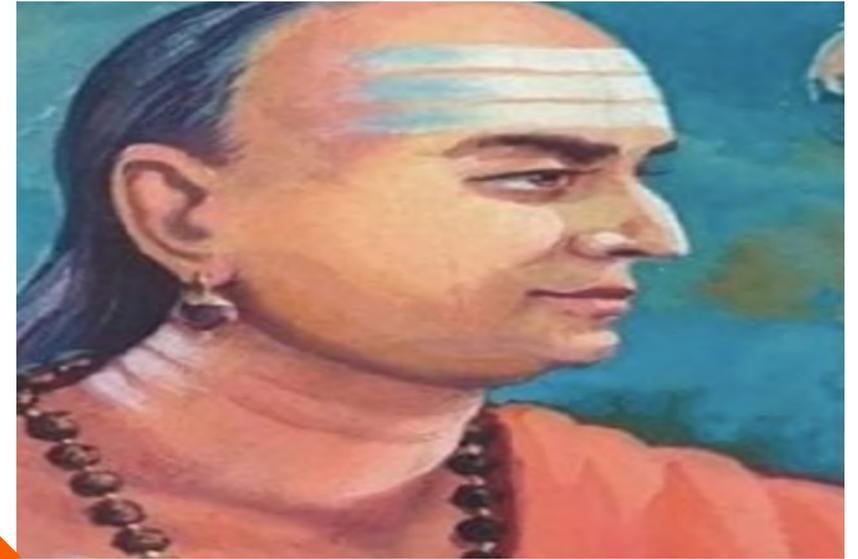
A zero results when multiplied by zero, a “khahara”
(zero-divided, or infinity) results when a number is
divided by zero.



On records Infinity was
invented by John Wallis in
1655!!!!

Example - 9

Varaha Mihira, astronomer, mathematician, astrologer of 1st century BCE was first to discover 'Water on Mars'.



Example - 10

Rocket Warfare depicted in
12th Century Hoysaleswara
Temple, Karnataka,
Bharat



Space Suits

Maharishi Bharadwaj In Yantra Sarvasva writes about Space Suits detailing the materials used for making them. These special suits were made not just of cotton or silk but also fibres from underwater plants.



On records, The first space suit worn by a human in Space was the Soviet SK-1 suit worn by Yuri Gagarin in 1961!

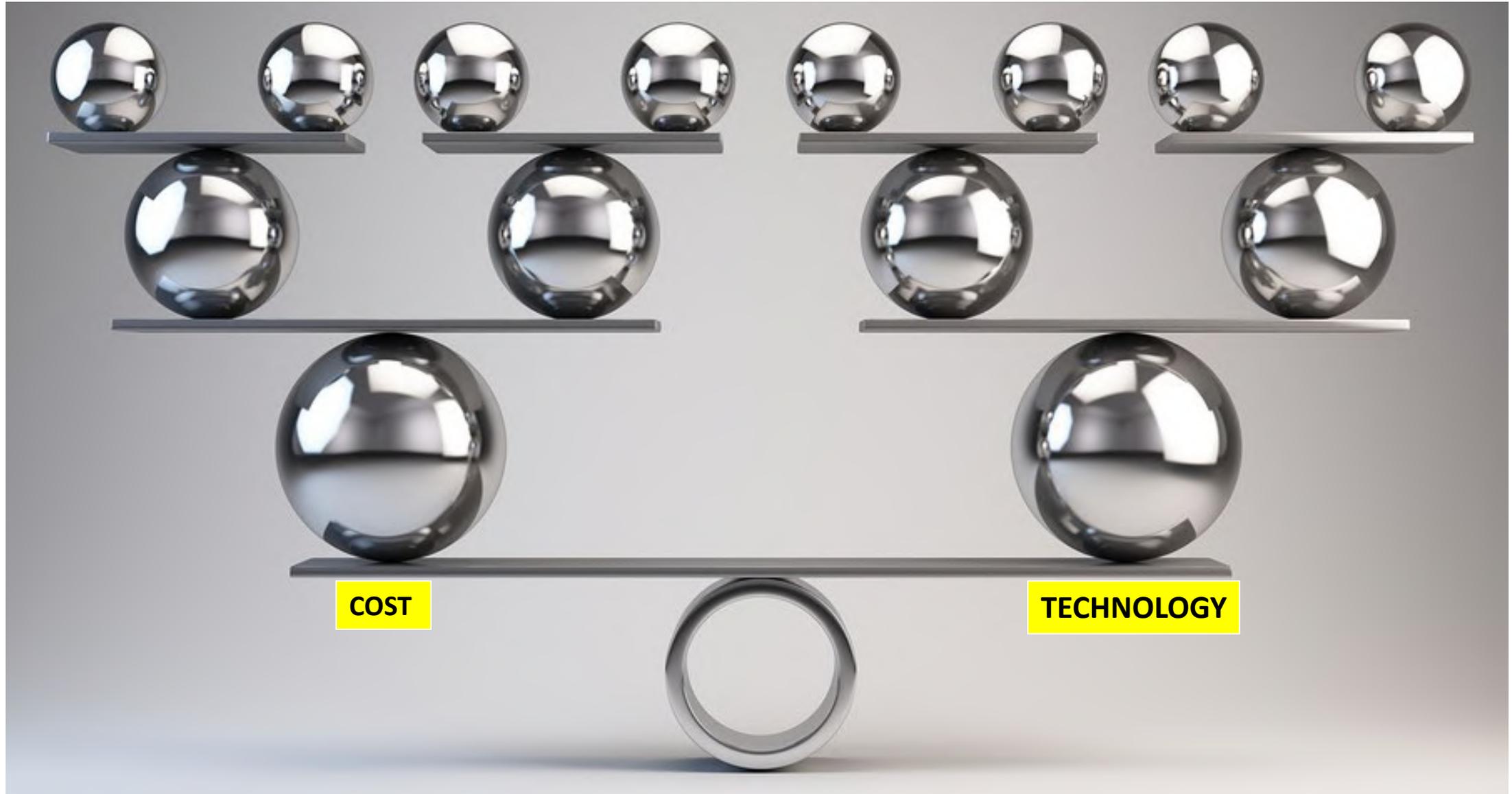
We need to RE CREATE INDIA as a center of Technology & Innovation





**We need to resolve to make India
as the hub for Technology and
Centre for Collaborations.**

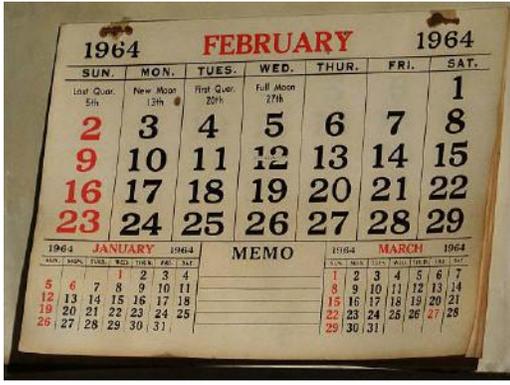
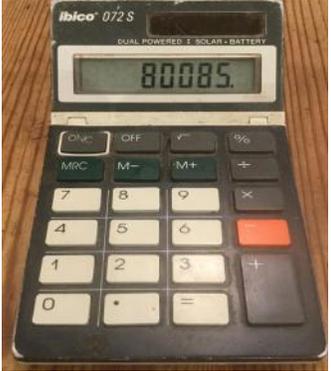
Balancing Cost to Technology



**Let us Understand
the Transition of Technology.**

Example – The Basics Back Then

D
E
V
I
C
E
S



Unification of Devices



Technologies Making our Lives Easier

D
I
G
I
T
A
L

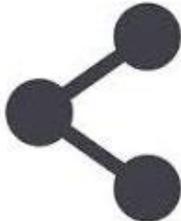
M
E
D
I
A



AirPlay 2



iCloud



AnyDesk



Unification of Technologies



Transactions / Utilities Making our Lives Easier



Unification of utilities/transactions



Individual Spaces at our Home & Office



Unification of Spaces & Comfort



Unification of Devices +
Technologies + utilities



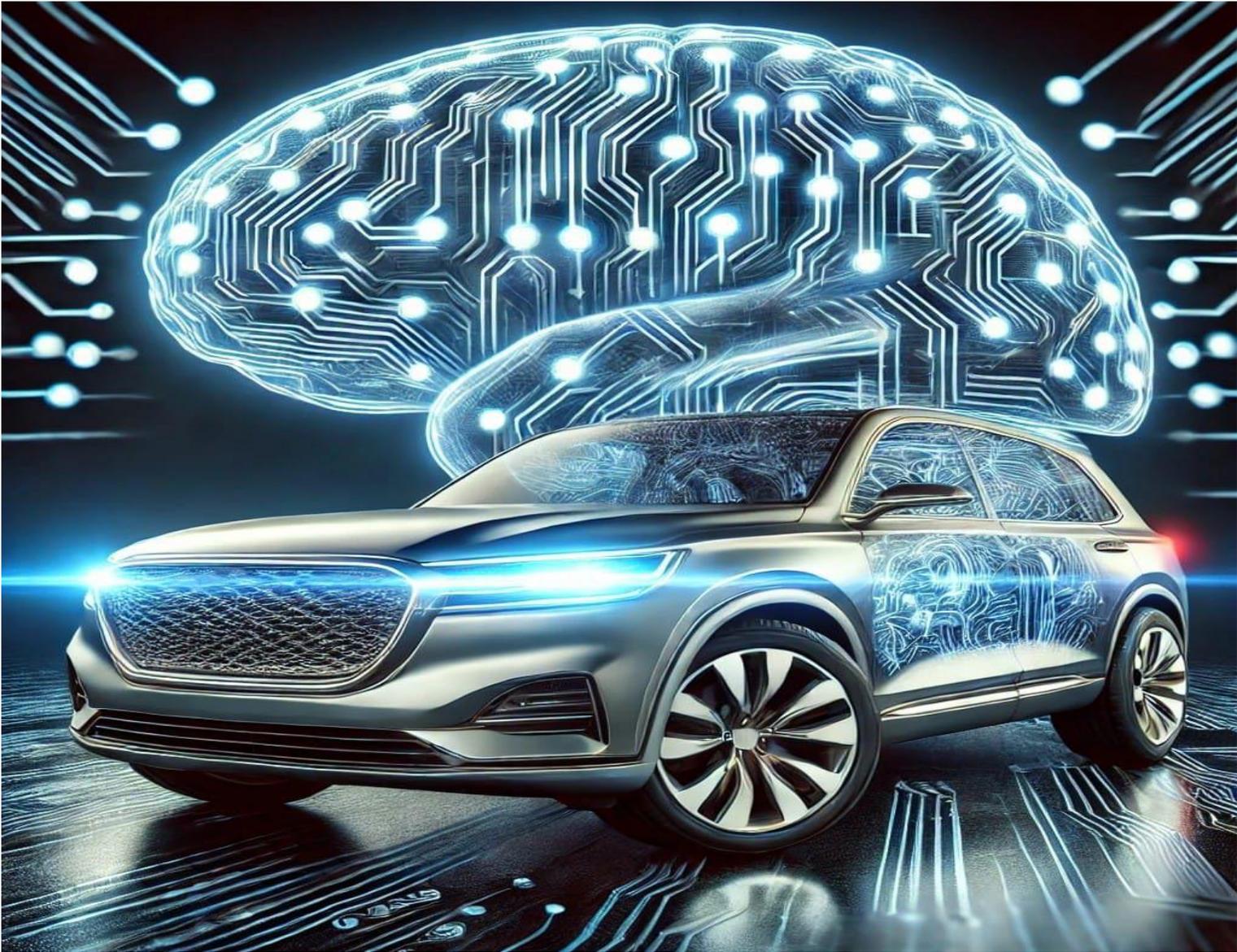
Unification of Spaces & Comfort



Safety & Regulations



Automotive Industry of the future – it's closer than we think!



Lighting with brains and emotions !



Future – SDC (Software Defined Cars) !

All new cars will be software-defined

Continuous car-to-cloud connection

Access to data and numerous sensors

Integrated chipset-powered

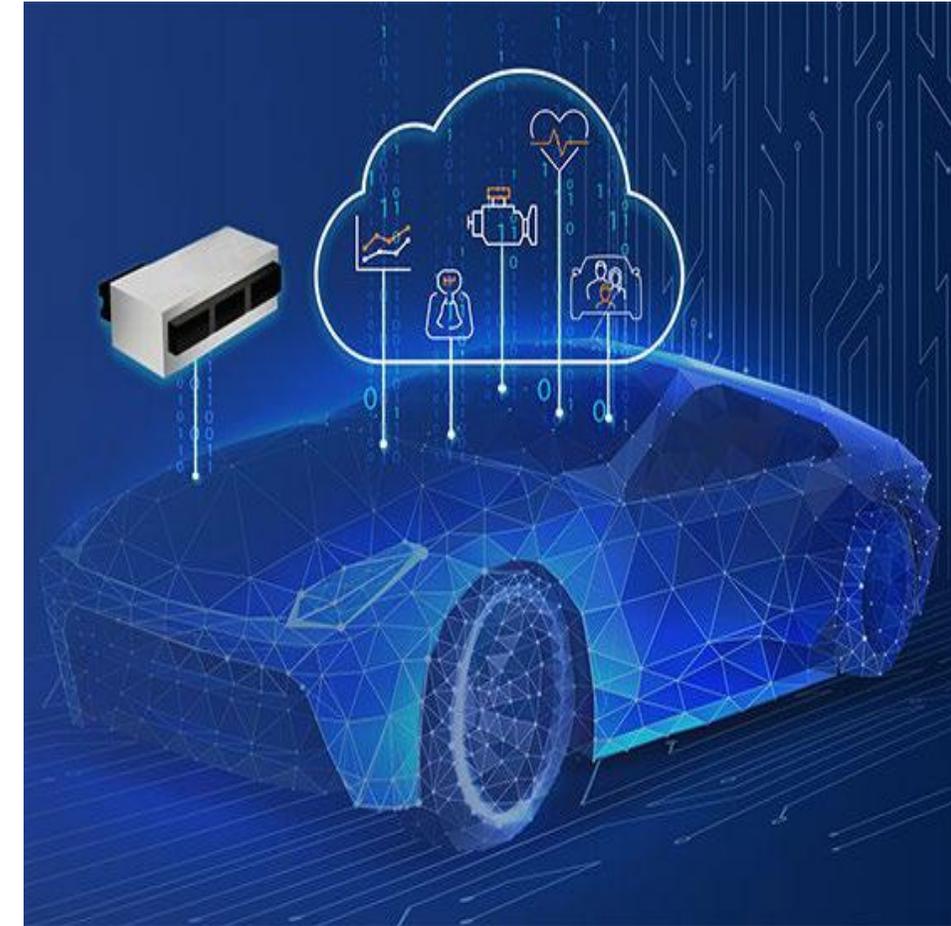
Digital cockpit with multiple displays

Automotive OS-based with AI and apps

Always improving with OTA updates

Auto OEMs aim to increase the lifetime revenue of their vehicles

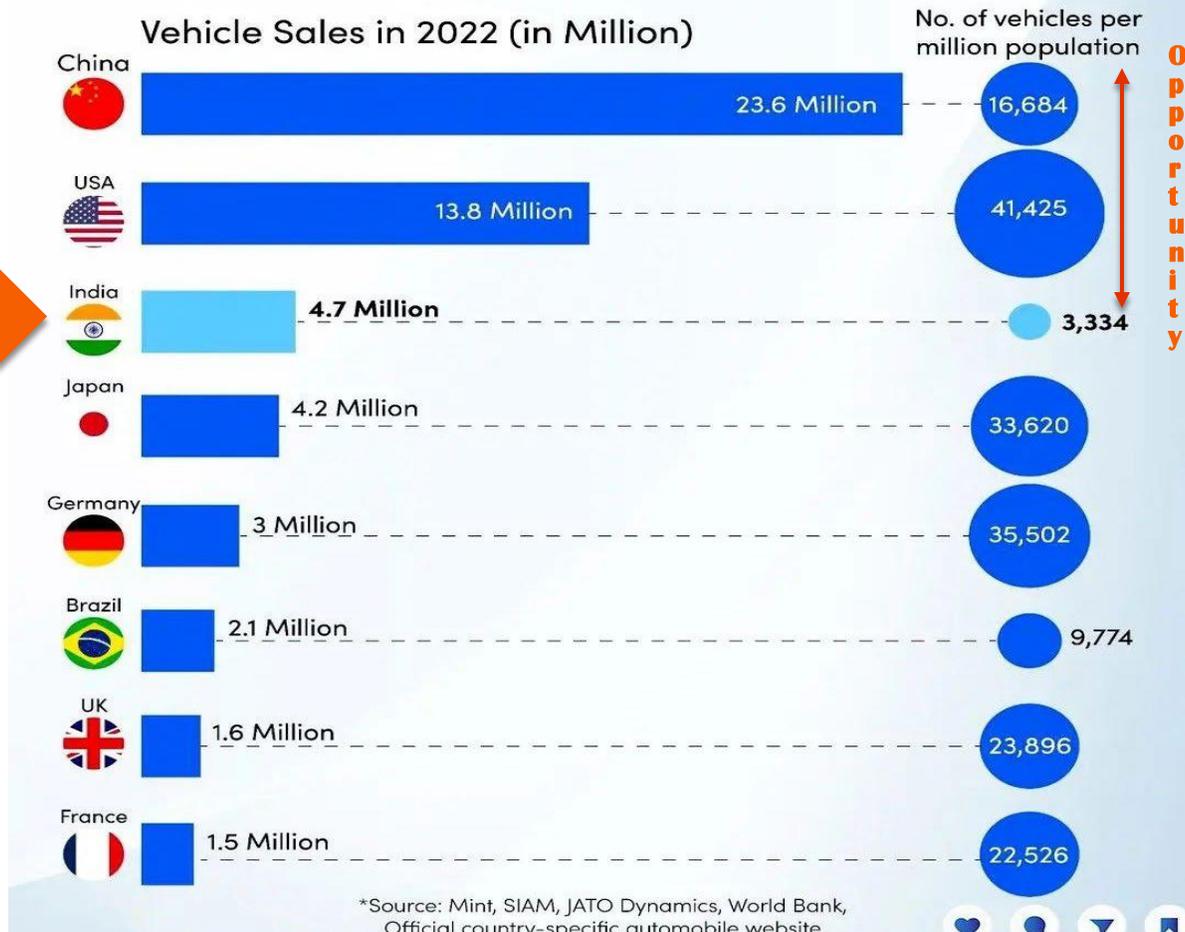
canalys



Future – SDC (Software Defined Cars) !



INDIA BECOMES 3RD LARGEST AUTO MARKET



Production numbers (appx)

FY 2023-24

2 wheelers	21.5 Mn
Passenger Vehicles	4.7 Mn
Commercial Vehicles	1.0 Mn
3 Wheelers	1.0 Mn

Regaining lost ground

Year-on-year change (in %) in real GDP (estimates/forecasts)

	2021	2022	2023
India*	8.3	8.7	6.8
Indonesia	3.7	5.2	5.1
China	8	5.1	5.3
Thailand	1	3.9	4.3
Mexico	5.7	3	2.2
Russia	4.3	2.4	1.8
Turkey	9.5	2	3
Brazil	4.9	1.4	2.7

*GDP growth rates are on a fiscal year basis

Source: World Bank



Fastest Growing Economy

- 1. Create the Brain – Software (India is known for this)**
- 2. Innovate – Innovate – Innovate**
- 3. Power of collaboration: Customers – partners – Stakeholders**
- 4. Idea to Execution - discipline**

Lets' all SALUTE our beloved country INDIA !

And make a

Difference!!



