

Date  
09/04/21

## ESSAY

BY CHANDRAMOULI SIR  
future India

### Philosophical

- 1→ Atma Deepo Bhava.
- 2→ Tava Gunan Maa Tyaja
- 3→ "Na Kandit Saashwatam"
- 4→ "Parivartanam Ev Stiram"
- 5→ "Etad api Ganishyati"

### Environment

Linker → "We shall require a substantially new manner of thinking if mankind is to survive."

"The Poetry of the Earth is never dead?,"

→ Fresh air, clean water.

→ Nature loved

→ IPCC → well prepared.

Swachha Bharat Gramin Mission

### Disaster

- \* It was not raining when Noah built the arc.
- \* An ounce of prevention is better than an ounce of cure

(2)

More 58% of the landmass is prone to earthquake  
over 40 mn hectare or 12% of the land is prone  
to floods. and around 68 % of the cultivable  
area is prone to droughts,

DM  
└─ Vulnerability  
└─ Preparedness

Sustainable Development

↳ "for man's need but not for man's greed."  
"When we heal the earth we heal ourselves."

Science

"Science is the torch that illuminates the earth  
~~and you~~  
We all a lot to the Indians who taught us  
how to count. without which no worthwhile  
scientific discovery could have been made.

Science  
└─ Intelligence + Economy  
└─ Advancement with Minimal  
    (Centralities)  
└─ Technology + Human value.  
└─ Increased Curiosity

## Defence

- Women leading
- Solved Border Issues
- Internal + External Threats

## Philosophical

(Ethics)

- Anekant vada

Read it

Topic — Science & Tech

Topic  
"Judicial Activism"

- "A Science is a beautiful gift to mankind we should not destroy it."
- "Science of today is technology of tomorrow".
- "People proposed science studies technology conforms".
- "~~Wisdom~~ Science is organised knowledge, wisdom is organised life."
- "Any sufficiently advanced technology is indistinguishable from magic."
- "Science & Technology never solves the problem without creating 10 more."

## Intro

from the eradication of small pox to the prevention of nutritional deficiency, to successful treatment for once deadly disease to the

④ alienation of entertainment with the convenience of home, the impact of science & technology on humanity or mankind has been powerful. In fact without science many people alive today would have been ~~stay~~ died of diseases that are now ~~deadly~~ easily treated.

Intro  $P_1 \rightarrow$  History  
     $\hookrightarrow$  Ruler measurement  
     $\hookrightarrow$  decimal system

$P_H \rightarrow$  Science / History  
     $\hookrightarrow$  Asthashastra  
        clan / bridges

Space of Science sweden, Switzerland.  
     $\downarrow$  differently growth

WIPAC & IF  $\rightarrow 40^{th}$

Fact  $\rightarrow$  N/S  
    ('Urban - rural)  
     $\hookrightarrow$  While only 4.4% of the rural households has a computer 15% have a computer in urban areas.



## Science

- ↳ Bridge the Geography Gap
- ↳ Interlinking river
- ↳ Transportation

## Society

- Entertainment
- Education → 3As

Accessible } to Health  
Affordable }  
Available }

## S&T

- ↳ Vulnerable section
- ↳ Security of women
- Violence against women has reason with a new attack registered every two minutes and hence science and technology is supposed to be an alexis to halt these
- (Leaf-wearables) (start up) (SEWA)
- Education ↳ (Plan India + Ericson)
- Women Participation  
16% → Women researchers directly engaged in R&D activity.

⑥

## Economy

↳ Global Economy

fact → As much as 90% of increase in per capita income comes from technological innovation.

of it.

## Economy

↳ Agriculture

↳ Manufacturing

## Linker

"Scientific knowledge required constant probing into the why and where for of every little process that you perform." R

# S&T

7

- ↳ Nano Technology
- ↳ Bio Technology
- ↳ AI
- ↳ Robotics
- ↳ Space technology

## Lure of space

### Charm

- Explore resources
- Energy Crisis
- Historical + Geographical
- Liveability / Life
- water
  - Economy
  - Education

### -ve

- one competition
- Greed
- Elitism / Comfort
- Economy

## Cyber world

### Pros

- 3As
- Society
- .

### Cons

#### ↳ Debate

data privacy

## Polity / Legal

Francis Bacon, observed that will not apply new remedies must expect new evils.

{ S&T  $\rightarrow$  Regulating  $\left[ \text{via Polity/Legal} \right]$

## Linkers

"Science is the Great antidote to the poison of enthusiasm and Superstition."

S&T  $\longleftrightarrow$  Environment

fact According to <sup>Global</sup> E-waste monitor the world dumped around 54 mn tonnes of e-waste.

China  $\rightarrow$  10 mn.

US  $\rightarrow$  7 mn.

India  $\rightarrow$  3.2 mn.

$\rightarrow$  95% dumped in informal sector.

S&T

$\hookrightarrow$  Clean, Green

$\hookrightarrow$  Energy  $\rightarrow$  Hydrogen

$\hookrightarrow$  ~~wind~~ Hybrid Energy.



Q1

S&T → Disaster management

"We cannot stop natural disaster but we can try to reduce its effect."

S&T → Security  
⇒ CIBMS (Comprehensive Integrated Border Management System)

AI ↔ Jobs

↓  
Ave

→ recent History

→ Help ..

→